

GenCore version 5.1.6
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WM protein - protein search, using sw model

Run on: June 15, 2004, 07:40:02 ; Search time 33 Seconds
(without alignments)
941.511 Million cell updates/sec

Title: US-09-978-299A-330
Perfect score: 1694
Sequence: 1 MAAPKGSUWRTQLGLPPLL.....EDHEEAGPLPTKYNLAHSEI 323

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 283366 seqs, 96191526 residues

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : PIR 78:*
1: PIR1:*
2: PIR2:*
3: PIR3:*
4: PIR4:*

pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result	Score	Query	Length	ID	Description
No.	Match	Match	DB	ID	

No matches found					

Search completed: June 15, 2004, 08:09:55
Job time : 35 secs

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M protein - protein search, using sw model

un on: June 15, 2004, 06:14:57 ; Search time 22 Seconds
(without alignments)
764.485 Million cell updates/sec

itle: US-09-978-299A-330
erfect score: 1694
equence: 1 MAAPKGSLSWVRLTGLPLLL.....EDHEEAGPLPTKVNLAHSEI 323

coring table: BLOSUM62
Gapop 10.0 , Gapext 0.5
earched: 141681 seqs, 52070155 residues

otal number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
ost-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

atabase : SwissProt_42:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

result NO.	Score	Query Match	Length	DB ID	Description
1	1694	100.0	323	1 CA08_HUMAN	Q9bxs4 homo sapien
2	1611	95.1	323	1 CA08_MOUSE	Q9qy73 mus musculu

ALIGNMENTS

RESULT 1
A08_HUMAN
ID CA08_HUMAN STANDARD; PRT; 323 AA.
C Q9BX54; 075393;
T 16-OCT-2001 (Rel. 40, Created)
T 16-OCT-2001 (Rel. 40, last sequence update)
T 10-OCT-2003 (Rel. 42, Last annotation update)
E Protein Clorf8 precursor (Liver membrane-bound protein) (HSPC001).
IN Clorf8.
IS Homo sapiens (Human).
XC Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
XC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
X NCBI_TaxID=9606;
IN [1]
SEQUENCE FROM N.A.
TISSUE=Fetal liver;
A Qu X., Zhang C., Zhai Y., Wu S., Yu Y., Wei H., Xing G., Lu C.,
A Zhou G., Dong C., He F.;
T "Homo sapiens liver membrane-bound protein mRNA."
L Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.
IN [2]
SEQUENCE FROM N.A.
TISSUE=Blood;
X MEDLINE=20499367; PubMed=11042152;
A Zhang Q.-H., Ye M., Wu X.-Y., Ren S.-X., Zhao M., Zhao C.-J., Fu G.,
A Shen Y., Fan H.-Y., Lu G., Zhong M., Han Z.-G., Zhang J.-W.,

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M protein - protein search, using sw model
Run on: June 15, 2004, 06:12:52 ; Search time 88 Seconds
(without alignments)
1037.078 Million cell updates/sec

Title: US-09-978-299A-330
Perfect score: 1694
Sequence: 1 MAAPKGSUWVRFQLGLPPLL.....EDHERAGPLTKVNLHSEI 323

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues

Total number of hits satisfying chosen parameters: 203

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : A_Geneseq_29Jan04:*
1: Geneseqp1980s:*
2: Geneseqp1990s:*
3: Geneseqp2000s:*
4: Geneseqp2001s:*
5: Geneseqp2002s:*
6: Geneseqp2003as:*
7: Geneseqp2003bs:*
8: Geneseqp2004s:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1694	100.0	323	2 AAY41733	Aay41733 Human PRO
2	1694	100.0	323	3 AAY57939	Aay57939 Human tra
3	1694	100.0	323	3 AAB44289	Aab44289 Human PRO
4	1694	100.0	323	3 AAB24394	Aab24394 Human PRO
5	1694	100.0	323	3 AAY78804	Aay78804 Hydrophob
6	1694	100.0	323	4 AAM93600	Aam93600 Human pol
7	1694	100.0	323	4 AAU12307	Aau12307 Human PRO
8	1694	100.0	323	4 AAB53073	Aab53073 Human ang
9	1694	100.0	323	4 AAB88428	Aab88428 Human mem
10	1694	100.0	323	5 ABB84820	Abb84820 Human PRO
11	1694	100.0	323	5 ABB95426	Abb95426 Human ang
12	1694	100.0	323	6 ABO17751	Abol17751 Novel hum
13	1694	100.0	323	6 ABO25235	Abol25235 Novel hum
14	1694	100.0	323	6 ABU81005	Abu81005 Human PRO
15	1694	100.0	323	6 ABU72241	Abu72241 Novel hum
16	1694	100.0	323	6 ABU66705	Abu66705 Human PRO
17	1694	100.0	323	6 ABU84921	Abu84921 Human sec
18	1694	100.0	323	6 ABU59786	Abu59786 Novel sec
19	1694	100.0	323	6 ABU61119	Abu61119 Human PRO
20	1694	100.0	323	6 ABO24976	Abol24976 Human sec
21	1694	100.0	323	6 ABU80388	Abu80388 Human sec
22	1694	100.0	323	6 ABU66981	Abu66981 Human sec
23	1694	100.0	323	6 ADA45791	Ada45791 Novel hum
24	1694	100.0	323	6 ADA76222	Ada76222 Human PRO
25	1694	100.0	323	6 ADA18872	Ada18872 Human PRO

26	1694	100.0	323	6 ADA61495	Ada61495 Homo sapi
27	1694	100.0	323	6 ADB19280	Adb19280 Novel hum
28	1694	100.0	323	6 ADB27821	Adb27821 Human PRO
29	1694	100.0	323	6 ADAB6300	Ada86300 Novel hum
30	1694	100.0	323	6 ADB15864	Adb15864 Human PRO
31	1694	100.0	323	6 ADA47650	Ada47650 Human PRO
32	1694	100.0	323	6 ADA67445	Ada67445 Human PRO
33	1694	100.0	323	6 ADB30452	Adb30452 Human PRO
34	1694	100.0	323	6 ADA85748	Ada85748 Novel hum
35	1694	100.0	323	6 ADA96960	Ada96960 Human PRO
36	1694	100.0	323	6 ADA79264	Ada79264 Human PRO
37	1694	100.0	323	6 ADA87403	Ada87403 Novel hum
38	1694	100.0	323	6 ADB16605	Adb16605 Human PRO
39	1694	100.0	323	6 ADA91697	Ada91697 Novel hum
40	1694	100.0	323	6 ADB14760	Adb14760 Human PRO
41	1694	100.0	323	6 ADA24869	Ada24869 Novel hum
42	1694	100.0	323	6 ADB18721	Adb18721 Novel hum
43	1694	100.0	323	6 ADA93936	Ada93936 Human PRO
44	1694	100.0	323	6 ADB19832	Adb19832 Novel hum
45	1694	100.0	323	6 ADB13144	Adb13144 Human PRO
46	1694	100.0	323	6 ABO43284	Abo43284 Novel hum
47	1694	100.0	323	6 ABO19690	Abo19690 Novel hum
48	1694	100.0	323	6 ADA12530	Ada12530 Human sec
49	1694	100.0	323	6 ADA74398	Ada74398 Human PRO
50	1694	100.0	323	6 ADB24631	Adb24631 Human PRO
51	1694	100.0	323	6 ADA82155	Ada82155 Human PRO
52	1694	100.0	323	6 ADA75118	Ada75118 Human PRO
53	1694	100.0	323	6 ADA85196	Ada85196 Novel hum
54	1694	100.0	323	6 ADA84644	Ada84644 Novel hum
55	1694	100.0	323	6 ADB29900	Adb29900 Human PRO
56	1694	100.0	323	6 ADA80428	Ada80428 Human PRO
57	1694	100.0	323	6 ADA75670	Ada75670 Human PRO
58	1694	100.0	323	6 ADA46895	Ada46895 Human PRO
59	1694	100.0	323	6 ADB25191	Adb25191 Human PRO
60	1694	100.0	323	6 ADA93367	Ada93367 Human PRO
61	1694	100.0	323	6 ADB26717	Adb26717 Human PRO
62	1694	100.0	323	6 ADB31004	Adb31004 Human PRO
63	1694	100.0	323	6 ADA60932	Ada60932 Homo sapi
64	1694	100.0	323	6 ADB24079	Adb24079 Human PRO
65	1694	100.0	323	6 ADA96408	Ada96408 Human PRO
66	1694	100.0	323	6 ADA80980	Ada80980 Human PRO
67	1694	100.0	323	6 ADA95856	Ada95856 Human PRO
68	1694	100.0	323	6 ADB26165	Adb26165 Human PRO
69	1694	100.0	323	6 ADB21650	Adb21650 Novel hum
70	1694	100.0	323	6 ABO19581	Abo19581 Novel hum
71	1694	100.0	323	7 ADA77429	Ada77429 Human PRO
72	1694	100.0	323	7 ADB18169	Adb18169 Human PRO
73	1694	100.0	323	7 ADA86852	Ada86852 Novel hum
74	1694	100.0	323	7 ADA87955	Ada87955 Novel hum
75	1694	100.0	323	7 ADA46343	Ada46343 Novel hum
76	1694	100.0	323	7 ADB28373	Adb28373 Human PRO
77	1694	100.0	323	7 ADB28925	Adb28925 Human PRO
78	1694	100.0	323	7 ADA76877	Ada76877 Human PRO
79	1694	100.0	323	7 ADA88507	Ada88507 Novel hum
80	1694	100.0	323	7 ADA97512	Ada97512 Human PRO
81	1694	100.0	323	7 ADB27269	Adb27269 Human PRO
82	1694	100.0	323	7 ADB22202	Adb22202 Novel hum
83	1694	100.0	323	7 ADA66893	Ada66893 Human PRO
84	1694	100.0	323	7 ADB22754	Adb22754 Human PRO
85	1694	100.0	323	7 ADB23527	Adb23527 Human PRO
86	1694	100.0	323	7 ADA92249	Ada92249 Novel hum
87	1694	100.0	323	7 ADB15312	Adb15312 Human PRO
88	1694	100.0	323	7 ADB38564	Adb38564 Novel hum
89	1694	100.0	323	7 ADB38012	Adb38012 Novel hum
90	1694	100.0	323	7 ADB66484	Adb66484 Novel hum
91	1694	100.0	323	7 ADB89564	Adb89564 Human PRO
92	1694	100.0	323	7 ADB90296	Adb90296 Human PRO
93	1694	100.0	323	7 ADB39397	Adb39397 Novel hum
94	1694	100.0	323	7 ADB73836	Adb73836 Human PRO
95	1694	100.0	323	7 ADB47020	Adb47020 Novel hum
96	1694	100.0	323	7 ADB86627	Adb86627 Human PRO
97	1694	100.0	323	7 ADB76552	Adb76552 Human PRO
98	1694	100.0	323	7 ADB77232	Adb77232 Novel hum

99	1694	100.0	323	7	ADB34389	Adb34389	Human PRO
100	1694	100.0	323	7	ADB35493	Adb35493	Human PRO
101	1694	100.0	323	7	ADB33837	Adb33837	Human PRO
102	1694	100.0	323	7	ADB34941	Adb34941	Human PRO
103	1694	100.0	323	7	ADB36045	Adb36045	Human PRO
104	1694	100.0	323	7	ADB46440	Adb46440	Novel hum
105	1694	100.0	323	7	ADC37345	Adc37345	Nuclear f
106	1694	100.0	323	7	ADC43978	Adc43978	Human sec
107	1694	100.0	323	7	ADC61738	Adc61738	Human sec
108	1694	100.0	323	7	ADC63702	Adc63702	Human sec
109	1694	100.0	323	7	ADC66802	Adc66802	Human sec
110	1694	100.0	323	7	ADC68926	Adc68926	Human sec
111	1694	100.0	323	7	ADC62986	Adc62986	Human sec
112	1694	100.0	323	7	ADC68051	Adc68051	Human sec
113	1694	100.0	323	7	ADC41371	Adc41371	Human sec
114	1694	100.0	323	7	ADC67426	Adc67426	Human sec
115	1694	100.0	323	7	ADC62362	Adc62362	Human sec
116	1694	100.0	323	7	ADC41995	Adc41995	Human sec
117	1694	100.0	323	7	ADC50313	Adc50313	Novel hum
118	1694	100.0	323	7	ADC71860	Adc71860	Novel hum
119	1694	100.0	323	7	ADC59839	Adc59839	Novel hum
120	1694	100.0	323	7	ADC52846	Adc52846	Novel hum
121	1694	100.0	323	7	ADC57200	Adc57200	Novel hum
122	1694	100.0	323	7	ADC60391	Adc60391	Novel hum
123	1694	100.0	323	7	ADC50866	Adc50866	Novel hum
124	1694	100.0	323	7	ADC65393	Adc65393	Human PRO
125	1694	100.0	323	7	ADC54491	Adc54491	Novel hum
126	1694	100.0	323	7	ADC53452	Adc53452	Novel hum
127	1694	100.0	323	7	ADC58975	Adc58975	Novel hum
128	1694	100.0	323	7	ADC55853	Adc55853	Novel hum
129	1694	100.0	323	7	ADC58423	Adc58423	Novel hum
130	1694	100.0	323	7	ADC03097	Adc03097	Novel hum
131	1694	100.0	323	7	ADC90089	Adc90089	Novel hum
132	1694	100.0	323	7	ADC69508	Adc69508	Human PRO
133	1694	100.0	323	7	ADC48397	Adc48397	Human PRO
134	1694	100.0	323	7	ADD09926	Add09926	Human PRO
135	1694	100.0	323	7	ADD04501	Add04501	Novel hum
136	1694	100.0	323	7	ADC80457	Adc80457	Novel hum
137	1694	100.0	323	7	ADD10964	Add10964	Human PRO
138	1694	100.0	323	7	ADD10297	Add10297	Human PRO
139	1694	100.0	323	7	ADC47845	Adc47845	Human PRO
140	1694	100.0	323	7	ADC79905	Adc79905	Novel hum
141	1694	100.0	323	7	ADD11257	Add11257	Human sec
142	1694	100.0	323	7	ADD09374	Add09374	Human PRO
143	1694	100.0	323	7	ADD52226	Add52226	Human PRO
144	1694	100.0	323	7	ADD52966	Add52966	Human PRO
145	1694	100.0	323	7	ADD53518	Add53518	Novel hum
146	1694	100.0	323	7	ADD37050	Add37050	Human sec
147	1694	100.0	323	7	ADD51674	Add51674	Human PRO
148	1694	100.0	323	7	ADD02473	Add02473	Human PRO
149	1694	100.0	323	7	ADD01907	Add01907	Human PRO
150	1694	100.0	323	7	ADD54089	Add54089	Novel hum
151	1694	100.0	323	7	ADE49364	Ade49364	Human sec
152	1694	100.0	323	7	ADD92406	Add92406	Human PRO
153	1694	100.0	323	7	ADD91302	Add91302	Human PRO
154	1694	100.0	323	7	ADE03916	Ade03916	Human PRO
155	1694	100.0	323	7	ADE32213	Ade32213	Novel hum
156	1694	100.0	323	7	ADE22145	Ade22145	Human PRO
157	1694	100.0	323	7	ADD79369	Add79369	Human PRO
158	1694	100.0	323	7	ADE35418	Ade35418	Human sec
159	1694	100.0	323	7	ADE16532	Ade16532	Human sec
160	1694	100.0	323	7	ADD73147	Add73147	Human sec
161	1694	100.0	323	7	ADE41905	Ade41905	Human PRO
162	1694	100.0	323	7	ADE17722	Ade17722	Human PRO
163	1694	100.0	323	7	ADD91854	Add91854	Human PRO
164	1694	100.0	323	7	ADE33317	Ade33317	Novel hum
165	1694	100.0	323	7	ADE33869	Ade33869	Novel hum
166	1694	100.0	323	7	ADD79921	Add79921	Human PRO
167	1694	100.0	323	7	ADD92958	Add92958	Human PRO
168	1694	100.0	323	7	ADD92958	Add92958	Human sec
169	1694	100.0	323	7	ADD72505	Add72505	Human PRO
170	1694	100.0	323	7	ADE19378	Ade19378	Human PRO
171	1694	100.0	323	7	Ade18826	Human PRO	

172	1694	100.0	323	7	ADE43022	Ade43022	Human PRO
173	1694	100.0	323	7	ADD95811	Add95811	Human PRO
174	1694	100.0	323	7	ADE22697	Ade22697	Human PRO
175	1694	100.0	323	7	ADD78815	Add78815	Human PRO
176	1694	100.0	323	7	ADE32765	Ade32765	Novel hum
177	1694	100.0	323	7	ADE42457	Ade42457	Human PRO
178	1694	100.0	323	7	ADE17156	Ade17156	Human sec
179	1694	100.0	323	7	ADD80473	Add80473	Human PRO
180	1694	100.0	323	7	ADD89501	Add89501	Human PRO
181	1694	100.0	323	7	ADE40785	Ade40785	Human PRO
182	1694	100.0	323	7	ADE04584	Ade04584	Human PRO
183	1694	100.0	323	8	ADC81009	Adc81009	Novel hum
184	1694	100.0	323	8	ADD76457	Add76457	Human PRO
185	1694	100.0	323	8	ADD87821	Add87821	Human PRO
186	1694	100.0	323	8	ADD86225	Add86225	Human PRO
187	1694	100.0	323	8	ADE75673	Ade75673	Human PRO
188	1694	100.0	323	8	ADE48664	Ade48664	Human sec
189	1694	100.0	323	8	ADE41258	Ade41258	Human sec
190	1694	100.0	323	8	ADE23249	Ade23249	Human PRO
191	1694	100.0	323	8	ADE23801	Ade23801	Human PRO
192	1694	100.0	323	8	ADE24444	Ade24444	Human PRO
193	1694	100.0	323	8	ADD87269	Add87269	Human PRO
194	1694	100.0	323	8	ADE89135	Ade89135	Human PRO
195	1694	100.0	323	8	ADE18274	Ade18274	Human PRO
196	1694	100.0	323	8	ADE88583	Ade88583	Human PRO
197	1694	100.0	323	8	ADE89765	Ade89765	Human sec
198	1674.5	98.8	324	2	AAV02282	Aay02282	Secreted
199	1674.5	98.8	324	7	ADA45143	Ada45143	Human pol
200	1674.5	98.8	324	7	ADC37347	Adc37347	Nuclear f
201	1611	95.1	323	7	ADC37343	Adc37343	Nuclear f
202	1576	93.0	300	2	AAV17299	Aay17299	Human CBC
203	1576	93.0	300	6	ABP71501	Abp71501	Amino aci

ALIGNMENTS

RESULT 1

AAV41733

ID AAY41733 standard; protein; 323 AA.

XX AAY41733;

AC AAY41733;

DT 07-DEC-1999 (first entry)

XX Human PRO195 protein sequence.

DE Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;

KW probe; blood coagulation disorder; cancer; cellular adhesion disorder;

KW secreted protein; transmembrane protein.

XX Homo sapiens.

XX WO9946281-A2.

XX 16-SEP-1999.

XX 08-MAR-1999; 99WO-US005028.

XX 10-MAR-1998; 98US-0077450P.

XX 11-MAR-1998; 98US-0077632P.

XX 11-MAR-1998; 98US-0077641P.

XX 11-MAR-1998; 98US-0077649P.

XX 12-MAR-1998; 98US-0077791P.

XX 13-MAR-1998; 98US-0078004P.

XX 17-MAR-1998; 98US-00040220.

XX 20-MAR-1998; 98US-0078886P.

XX 20-MAR-1998; 98US-0078910P.

XX 20-MAR-1998; 98US-0078936P.

XX 20-MAR-1998; 98US-0078939P.

XX 25-MAR-1998; 98US-0079294P.

XX 26-MAR-1998; 98US-0079656P.

XX 27-MAR-1998; 98US-0079663P.

R 27-MAR-1998; 98US-0079664P.
R 27-MAR-1998; 98US-0079689P.
R 27-MAR-1998; 98US-0079728P.
R 27-MAR-1998; 98US-0079786P.
R 30-MAR-1998; 98US-0079920P.
R 30-MAR-1998; 98US-0079923P.
R 31-MAR-1998; 98US-0080105P.
R 31-MAR-1998; 98US-0080107P.
R 31-MAR-1998; 98US-0080165P.
R 31-MAR-1998; 98US-0080194P.
R 01-APR-1998; 98US-0080327P.
R 01-APR-1998; 98US-0080328P.
R 01-APR-1998; 98US-0080333P.
R 01-APR-1998; 98US-0080334P.
R 08-APR-1998; 98US-0081049P.
R 08-APR-1998; 98US-0081070P.
R 08-APR-1998; 98US-0081071P.
R 09-APR-1998; 98US-0081195P.
R 09-APR-1998; 98US-0081203P.
R 09-APR-1998; 98US-0081229P.
R 15-APR-1998; 98US-0081817P.
R 15-APR-1998; 98US-0081838P.
R 15-APR-1998; 98US-0081952P.
R 15-APR-1998; 98US-0081955P.
R 21-APR-1998; 98US-0082568P.
R 21-APR-1998; 98US-0082569P.
R 22-APR-1998; 98US-0082700P.
R 22-APR-1998; 98US-0082704P.
R 22-APR-1998; 98US-0082804P.
R 23-APR-1998; 98US-0082767P.
R 23-APR-1998; 98US-0082796P.
R 27-APR-1998; 98US-0083336P.
R 28-APR-1998; 98US-0083322P.
R 29-APR-1998; 98US-0083392P.
R 29-APR-1998; 98US-0083495P.
R 29-APR-1998; 98US-0083496P.
R 29-APR-1998; 98US-0083499P.
R 29-APR-1998; 98US-0083500P.
R 29-APR-1998; 98US-0083545P.
R 29-APR-1998; 98US-0083554P.
R 29-APR-1998; 98US-0083558P.
R 29-APR-1998; 98US-0083559P.
R 30-APR-1998; 98US-0083742P.
R 05-MAY-1998; 98US-0084366P.
R 06-MAY-1998; 98US-0084414P.
R 06-MAY-1998; 98US-0084441P.
R 07-MAY-1998; 98US-0084598P.
R 07-MAY-1998; 98US-0084600P.
R 07-MAY-1998; 98US-0084627P.
R 07-MAY-1998; 98US-0084637P.
R 07-MAY-1998; 98US-0084639P.
R 07-MAY-1998; 98US-0084640P.
R 07-MAY-1998; 98US-0084643P.
R 13-MAY-1998; 98US-0085323P.
R 13-MAY-1998; 98US-0085338P.
R 13-MAY-1998; 98US-0085339P.
R 15-MAY-1998; 98US-0085573P.
R 15-MAY-1998; 98US-0085579P.
R 15-MAY-1998; 98US-0085580P.
R 15-MAY-1998; 98US-0085582P.
R 15-MAY-1998; 98US-0085689P.
R 15-MAY-1998; 98US-0085697P.
R 15-MAY-1998; 98US-0085700P.
R 15-MAY-1998; 98US-0085704P.
R 18-MAY-1998; 98US-0086023P.
R 22-MAY-1998; 98US-0086392P.
R 22-MAY-1998; 98US-0086414P.
R 22-MAY-1998; 98US-0086430P.
R 22-MAY-1998; 98US-0086486P.
R 28-MAY-1998; 98US-0087098P.
R 28-MAY-1998; 98US-0087106P.
R 28-MAY-1998; 98US-0087208P.
R 30-JUL-1998; 98US-0094651P.

PR 11-SEP-1998; 98US-0100038P.
XX (GETH) GENENTECH INC.
XX Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;
XX WPI; 1999-551358/46.
DR N-PSDB; AAZ34171.
XX New secreted and transmembrane polypeptides and their polynucleotides,
PT useful for treating blood coagulation disorders, cancers and cellular
PT adhesion disorders.
XX Claim 12; Fig 132; 530pp; English.
XX The present invention describes secreted and transmembrane polypeptides
CC and their polynucleotides. The nucleotide sequences are useful as sources
CC of probes, primers, for chromosome mapping, and for generation of
CC antisense sequences. They can also be used to create transgenic animals.
CC The proteins can be used to treat a variety of diseases and disorders,
CC depending on their function. Diseases that may be treated include blood
CC coagulation disorders, cancers and cellular adhesion disorders. They may
CC also be used to raise antibodies. AAZ33891 to AAZ34338, and AAZ41685 to
CC AAZ41774 represent polynucleotide and polypeptide sequence given in the
CC exemplification of the present invention
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 2; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQLGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1 MAAPKGSLSWVTRTQLGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
DB ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSDMMDSAQSFTTSSWTFYLOADDGKIVIF 180
DB ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSDMMDSAQSFTTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLBFMNEOKLNRYPASSLVVVR 300
DB ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLBFMNEOKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 2
AAZ57939
ID AAZ57939 standard; protein; 323 AA.
XX
AC AAZ57939;
XX
DT 23-MAR-2000 (first entry)
XX Human transmembrane protein HTMPN-63.
DE
XX Human; transmembrane protein; HTMPN; diagnosis; immunospecific;
KW antiproliferative; neuroprotective; immune disorder;
KW reproductive disorder; smooth muscle disorder; neurological disorder;
KW gastrointestinal disorder; developmental disorder;
KW cell proliferative disorder.
XX

OS Homo sapiens.
XX WO9961471-A2.
XX 02-DEC-1999.
XX 28-MAY-1999; 99WO-US011904.
XX 29-MAY-1998; 98US-0087260P.
XX 02-JUL-1998; 98US-0091674P.
XX 02-OCT-1998; 98US-0102954P.
XX 24-NOV-1998; 98US-0109869P.
XX (INCY-) INCYTE PHARM INC.
XX Tang YT, Lal P, Hillman JL, Yue H, Guegler KJ, Corley NC;
PI Bandman O, Patterson C, Gorgone GA, Kaser MR, Baughn MR, Au-Young J;
XX MPI; 2000-072605/06.
XX N-PSDB; AAZ56760.
XX Proteins, polynucleotides, vectors, host cells and antibodies used to
PT diagnose, treat or prevent immune, reproductive, smooth muscle,
PT neurological, gastrointestinal, developmental and cell proliferative
PT disorders.
XX Claim 1; Page 162-163; 229pp; English.
XX AAZ56698 to AAZ56776 encode AAY57877 to AAY57955 which represent human
CC transmembrane proteins designated HTMPN-1 to HTMPN-79, respectively. The
CC transmembrane protein have immunospecific, antiproliferative and
CC neuroprotective activities. The human transmembrane proteins,
CC polynucleotides encoding them and other compositions and methods from the
CC present invention, can be used for the diagnosis, treatment or prevention
CC of immune, reproductive, smooth muscle, neurological, gastrointestinal,
CC developmental and cell proliferative disorders. The HTMPN's can be used
CC to treat or prevent disorders associated with a decreased expression or
CC activity of HTMPN
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 3; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVTRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db |||||||
QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQCNQ 120
Db |||||||
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Db |||||||
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLOMRNSQAHNFLEDESDFLRCLSLNSGW 240
Db |||||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db |||||||
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db |||||||
RESULT 3
AAB44289
ID AAB44289 standard; protein; 323 AA.

XX AAB44289;
XX 08-FEB-2001 (first entry)
XX Human PRO195 (UNQ169) protein sequence SEQ ID NO:330.
XX Human; secreted protein; transmembrane protein; PRO; EST; cytostatic;
XX expressed sequence tag; detection; cancer.
XX Homo sapiens.
XX WO200053756-A2.
XX 14-SEP-2000.
XX 18-FEB-2000; 2000WO-US004341.
XX 08-MAR-1999; 99WO-US005028.
XX 12-MAR-1999; 99US-0123957P.
XX 29-MAR-1999; 99US-0126773P.
XX 21-APR-1999; 99US-0130232P.
XX 28-APR-1999; 99US-0131445P.
XX 14-MAY-1999; 99US-0134287P.
XX 23-JUN-1999; 99US-0141037P.
XX 26-JUL-1999; 99US-0145698P.
XX 29-OCT-1999; 99US-0162506P.
XX 30-NOV-1999; 99WO-US028313.
XX 02-DEC-1999; 99WO-US028551.
XX 02-DEC-1999; 99WO-US028565.
XX 16-DEC-1999; 99WO-US030095.
XX 30-DEC-1999; 99WO-US031243.
XX 30-DEC-1999; 99WO-US031274.
XX 05-JAN-2000; 2000WO-US000219.
XX 06-JAN-2000; 2000WO-US000277.
XX 06-JAN-2000; 2000WO-US000376.
XX (GETH) GENENTECH INC.
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Pevzara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi CJ, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX MPI; 2000-611443/58.
XX N-PSDB; AAC78540.
XX Novel PRO polypeptides and polynucleotides used in detection methods, to
PT target bioactive molecules to specific cells, and to modulate cellular
PT activities.
XX Claim 12; Fig 132; 636pp; English.
XX AAC78458 to AAC78599 represent polynucleotide and EST (expressed sequence
CC tag) sequences which encode secreted or transmembrane PRO polypeptides.
CC The PRO polynucleotides and polypeptides have cytostatic activity. The
CC polynucleotides and polypeptides can be used for detecting the presence
CC of PRO polypeptides in samples, for linking bioactive molecules to cells
CC and for modulating biological activities of cells, using the polypeptides
CC for specific targeting. The polypeptide targeting can be used to kill the
CC target cells, e.g. for the treatment of cancers. The polypeptide pairs
CC provide specific targeting of bioactive molecules to cells. AAC78600 to
CC AAC78987 represent PCR primers and probes used in the isolation of the
CC PRO polynucleotide sequences
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 3; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVTRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60

1 MAAPKGSLSWVTRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRFTKLECESECTEAYSQSDQYACHLGCCNQ 120
61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRFTKLECESECTEAYSQSDQYACHLGCCNQ 120
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLVQWNSQAHNRFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLVQWNSQAHNRFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 4
AAB24394
ID AAB24394 standard; protein; 323 AA.

AC AAB24394;
XX
XT 07-NOV-2000 (first entry)

XE Human PRO195 protein sequence SEQ ID NO:31.

XX Human; PRO; promotion; inhibition; angiogenesis; cardiovascularisation;
XX diagnosis; trauma; wound; cancer; atherosclerosis; cardiac hypertrophy;
XX angiogenic; proliferative; cardiant; cardiovascular; antiatherosclerotic;
XX cytostatic; gene therapy; vaccine.

XS Homo sapiens.

XX WO200032221-A2.

XX 08-JUN-2000.

XX 30-NOV-1999; 99WO-US028313.

XX 01-DEC-1998; 98WO-US025108.

PR 16-DEC-1998; 98US-0112850P.

PR 12-JAN-1999; 99US-0115554P.

PR 08-MAR-1999; 99WO-US005028.

PR 12-MAR-1999; 99US-0123957P.

PR 28-APR-1999; 99US-0131445P.

PR 14-MAY-1999; 99US-0134287P.

PR 02-JUN-1999; 99WO-US012252.

PR 23-JUN-1999; 99US-0141037P.

PR 20-JUL-1999; 99US-0144758P.

PR 26-JUL-1999; 99US-0145698P.

PR 01-SEP-1999; 99WO-US020111.

PR 08-SEP-1999; 99WO-US020594.

PR 13-SEP-1999; 99WO-US020944.

PR 15-SEP-1999; 99WO-US021090.

PR 15-SEP-1999; 99WO-US021547.

PR 05-OCT-1999; 99WO-US023089.

PR 29-OCT-1999; 99US-0162506P.

(GETH) GENENTECH INC.

XX Ashkenazi AJ, Baker KP, Ferrara N, Gerber H, Hillan KJ;

PI Goddard A, Godowski PJ, Gurney AL, Klein RD, Kuo SS, Paoni NF;

PI Smith V, Watanabe CK, Williams PM, Wood WI;

XX WPI; 2000-412154/35.

DR N-PSDB; AAA77533.
XX Nucleic acids encoding PRO polypeptides useful for preventing, diagnosing
PT and treating diagnosing a cardiovascular, endothelial or angiogenic
PT disorders in mammals.
XX Claim 72; Fig 14; 315pp; English.
XX The present invention describes nucleic acids encoding PRO polypeptides
CC useful for preventing, diagnosing and treating disorder in mammals by
CC cardiovascular, endothelial or angiogenic disorder and cardiovascularisation,
CC modulating cell proliferation, angiogenesis and cardiovascularisation. The
CC and for identifying agonists and antagonists of these processes. The
CC nucleic acids and the proteins they encode may be used in the prevention,
CC treatment and diagnosis of diseases associated with inappropriate PRO
CC expression such as cardiovascular, cancers and cardiac hypertrophy). For
CC mammals (e.g. atherosclerosis, cancers and cardiac hypertrophy). For
CC example, the nucleic acids (NCs) and vectors containing them and the PRO
CC polypeptide may be used to treat disorders associated with decreased PRO
CC expression. AAA77510 to AAA77721 and AAB24388 to AAB24435 represent
CC nucleotide and protein sequences used in the exemplification of the
CC present invention
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 3; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRFTKLECESECTEAYSQSDQYACHLGCCNQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRFTKLECESECTEAYSQSDQYACHLGCCNQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLVQWNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLVQWNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 5

AA78804

ID AAY78804 standard; protein; 323 AA.

XX AC AAY78804;

XX DT 09-MAY-2000 (first entry)

XX DE Hydrophobic domain containing protein clone HP10349 protein sequence.

XX KW Hydrophobic domain; clone HP10349; nutritional supplement; SCID; HIV;
KW cell proliferation; immune stimulant; immune deficiency; tumour; pain;
KW rheumatoid arthritis; insulin dependent diabetes mellitus; fertility;
KW myasthenia gravis; haematopoiesis regulator; tissue growth; depression;
KW anti-inflammatory; infection; bodily characteristic.

XX OS Homo sapiens.

XX WO200000506-A2.

XX 06-JAN-2000. |||||||SVMLLVICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
PD
XX 18-JUN-1999; 99WO-JP003242. |||||||SKTEDEHEEAGPLPTKVNLAHSEI 323
PF
XX 26-JUN-1998; 98JP-00180008. |||||||SKTEDEHEEAGPLPTKVNLAHSEI 323
PR
XX (SAGA) SAGAMI CHEM RES CENT. |||||||
PA (PROT-) PROTEGENE INC. |||||||
XX
PI Kato S, Kimura T; |||||||
XX
XX WPI; 2000-160665/14. |||||||
DR N-PSDB; AAZ90041, AAZ90051. |||||||
DR
XX Novel human proteins having hydrophobic domains used for research and
PT diagnostic purposes. |||||||
PT
XX Claim 1; Page 76-77; 117pp; English. |||||||
PS
XX This sequence represents the hydrophobic domain containing protein, clone
CC HP10349 protein sequence. The sequence is isolated from a human stomach
CC cancer cell line. The invention relates to human proteins with
CC hydrophobic domains, the DNA and the cDNA encoding them. The
CC polynucleotides and proteins are predicted to have biological activities
CC which make them suitable for treating, preventing or ameliorating medical
CC conditions in humans and animals. Suggested activities include
CC nutritional activity (nutritional source or supplement); cytokine and
CC cell proliferation/differentiation activity; immune stimulating (e.g. as
CC vaccines) or suppressing activity (e.g. to treat various immune
CC deficiencies such as SCIDS or HIV, connective tissue disease, systemic
CC lupus erythematosus, rheumatoid arthritis, autoimmune pulmonary
CC inflammation, Guillain-Barre syndrome, autoimmune thyroiditis, insulin
CC dependent diabetes mellitus, myasthenia gravis, graft-versus-host disease
CC and autoimmune inflammatory eye disease, as well as asthma, allergies and
CC organ transplantation); haematopoiesis regulating activity (e.g. in
CC treatment of myeloid or lymphoid cell deficiencies); tissue growth
CC activity (e.g. wound healing and tissue repair, ulcers, burns,
CC periodontal disease); activin/inhibin activity; chemotactic/chemokinetic
CC activity; haemostatic and thrombolytic activity (e.g. treating
CC haemophilias); receptor/ligand activity; anti-inflammatory activity; and
CC tumour inhibition activity. The polynucleotides are also stated to be
CC useful for gene therapy. Other activities include inhibiting infections
CC caused by bacteria, fungi, viruses and other parasites (e.g. Hepatitis,
CC malaria); effecting bodily characteristics such as, e.g. weight, colour,
CC skin, effecting biorhythms or cardiac cycles; enhancing fertility;
CC treatment of depression; treatment of pain; hormonal or endocrine
CC activity. The polynucleotides may also be used for recombinant expression
CC of the protein
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 3; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB |||||||
1 MAAPKGS LWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEL YACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
DB |||||||
61 YPKEEL YACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSEFSDMDMSAQSPITSSWTFYLAQDDGKIVIF 180
DB |||||||
121 LPFAELRQELMSLMPKMHLLFPLTLVRSEFSDMDMSAQSPITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEI QYAPHLEQEPNTNRESSLSKMSYIQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB |||||||
181 QSKPEI QYAPHLEQEPNTNRESSLSKMSYIQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLVICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLVICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEEAGPLPTKVNLAHSEI 323
RESULT 6
AAM93600
ID AAM93600 standard; protein; 323 AA.
XX
AC AAM93600;
XX
DT 06-NOV-2001 (first entry)
XX
DE Human polypeptide, SEQ ID NO: 3412.
XX
KW Human; full length cDNA; cDNA synthesis; oligo-capping.
XX
OS Homo sapiens.
XX
PN EP1130094-A2.
XX
PD 05-SEP-2001.
XX
PF 07-JUL-2000; 2000EP-00114089.
XX
PR 08-JUL-1999; 99JP-00194486.
PR 11-JAN-2000; 2000JP-00118774.
PR 02-MAY-2000; 2000JP-00183765.
XX
PA (HELI-) HELIX RES INST.
XX
PI Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;
PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;
DR WPI; 2001-524255/58.
DR N-PSDB; AAK94533.
XX
PT 830 Primers useful for synthesizing full length cDNA clones and their use
PT in genetic manipulation.
XX
PS Claim 8; SEQ ID NO 3412; 1380pp + Sequence Listing; English.
XX
CC The invention relates to primers for synthesising full length cDNA
CC clones. 830 cDNA molecules encoding a human protein have been isolated
CC and nucleotide sequences of 5'- and 3'-ends of the cDNA molecules have
CC been determined. Primers for synthesising the full length cDNA are useful
CC for clarifying the function of the protein encoded by the cDNA. The full
CC length clones were obtained by construction of full length enriched cDNA
CC libraries that were synthesised by the oligo-capping method. The primers
CC enable the production of the full length cDNA easily without any special
CC methods. The present sequence is a polypeptide encoded by a full length
CC human cDNA of the invention. Note: The sequence data for this patent did
CC not form part of the printed specification, but was obtained in CD-ROM
CC format directly from EPO
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 4; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB |||||||
1 MAAPKGS LWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEL YACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
DB |||||||
61 YPKEEL YACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSEFSDMDMSAQSPITSSWTFYLAQDDGKIVIF 180

||||| 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHNFLEDGSDGFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHNFLEDGSDGFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 7
AU12307
D AAU12307 standard; protein; 323 AA.
X
C AAU12307;
X
X 24-OCT-2001 (first entry)
X Human PRO195 polypeptide sequence.
X Human secretory and transmembrane; PRO; mammalian; cancer; lung; breast;
W prostate; cervical; tumour necrosis factor-alpha; TNF-alpha; cartilage;
W ear; proliferation; glucose; free fatty acid; skeletal muscle; adipocyte;
W A-peptide; factor VIIA; gene therapy.
X
S Homo sapiens.
X WO200140466-A2.
X
X 07-JUN-2001.
X
X 01-DEC-2000; 2000WO-US032678.
X
X 01-DEC-1999; 99WO-US028301.
X 01-DEC-1999; 99WO-US028634.
X 02-DEC-1999; 99WO-US028551.
X 02-DEC-1999; 99WO-US028564.
X 02-DEC-1999; 99WO-US028565.
X 09-DEC-1999; 99US-0170262P.
X 16-DEC-1999; 99WO-US030095.
X 20-DEC-1999; 99WO-US030911.
X 20-DEC-1999; 99WO-US030999.
X 30-DEC-1999; 99WO-US031243.
X 30-DEC-1999; 99WO-US031274.
X 05-JAN-2000; 2000WO-US000219.
X 06-JAN-2000; 2000WO-US000277.
X 06-JAN-2000; 2000WO-US000376.
X 11-FEB-2000; 2000WO-US003565.
X 18-FEB-2000; 2000WO-US004341.
X 18-FEB-2000; 2000WO-US004342.
X 22-FEB-2000; 2000WO-US004414.
X 24-FEB-2000; 2000WO-US004914.
X 24-FEB-2000; 2000WO-US005004.
X 01-MAR-2000; 2000WO-US005601.
X 02-MAR-2000; 2000WO-US005841.
X 03-MAR-2000; 2000US-0187202P.
X 10-MAR-2000; 2000WO-US006319.
X 15-MAR-2000; 2000WO-US006884.
X 20-MAR-2000; 2000WO-US007377.
X 21-MAR-2000; 2000WO-US007532.
X 30-MAR-2000; 2000WO-US008439.
X 17-MAY-2000; 2000WO-US013705.
X 22-MAY-2000; 2000WO-US014042.
X 30-MAY-2000; 2000WO-US014941.
X 02-JUN-2000; 2000WO-US015264.
X 05-JUN-2000; 2000US-0209832P.
X 28-JUL-2000; 2000WO-US020710.

PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
XX
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2001-408281/43.
DR N-PSDB; AAS21379.
XX
PT Isolated , secretory and transmembrane PRO polypeptide used to detect
PT other PRO polypeptides, link bioactive molecules to cells expressing PRO
PT polypeptides, and detect the presence of mammalian tumors e.g. lung,
PT breast, prostate, cervical.
XX
PS Claim 12; Fig 272; 813pp; English.
XX
CC AAU12172-AAU12446 represent novel human secretory and transmembrane PRO
CC polypeptides. The PRO polypeptides are useful to detect other PRO
CC polypeptides, to link bioactive molecules to cells expressing PRO
CC polypeptides, to modulate biological activities of cells expressing PRO
CC polypeptides, and to detect the presence of mammalian lung, colon,
CC breast, prostate, rectal, cervical or liver tumours by comparing PRO
CC polypeptide expression in a cell sample to that in a control sample. Some
CC of the 275 sequences are also useful to stimulate the release of tumour
CC necrosis factor-alpha (TNF-alpha) from human blood, the proliferation or
CC differentiation of chondrocytes, the proliferation or gene expression in
CC pericyte cells, the release of proteoglycans from cartilage, the
CC proliferation of inner ear utricular supporting cells or of T-
CC lymphocytes, the release of a cytokine from peripheral blood monocytes
CC (PBMCs), or the proliferation of endothelial cells. Some of the PRO
CC polypeptides may modulate glucose or free fatty acid uptake by skeletal
CC muscle cells or by adipocytes; or inhibit binding of A-peptide to factor
CC VIIA. The PRO polypeptides can be used in assays to identify molecules
CC involved in binding interactions. The polynucleotides encoding PRO
CC polypeptides can be used to generate probes, antisense RNA/DNA,
CC transgenic or knock out animals and can be used in gene therapy
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 4; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSUWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Db 1 MAAPKGSUWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
QY 61 YPKSEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQNQ 120
Db 61 YPKSEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 8
AAB53073
ID AAB53073 standard; protein; 323 AA.
XX
AC AAB53073;
XX
DT 28-FEB-2001 (first entry)
XX
DE Human angiogenesis-associated protein PRO195, SEQ ID NO:46.
XX
KW Human; angiogenesis-associated protein; PRO; endothelial cell growth;
KW cardiac hypertrophy; cardiovascular disorder; endothelial disorder;
KW angiogenic disorder; atherosclerosis; osteoporosis; hypertension;
KW myocardial infarction; diabetic retinopathy; rheumatoid arthritis;
KW Crohn's disease; psoriasis; endometriosis; ulcer; wound healing; cancer;
KW Alzheimer's disease; Huntington's disease; stroke; drug screening;
KW gene therapy; transgenic animal.
XX
OS Homo sapiens.
XX
PN WO200053753-A2.
XX
PD 14-SEP-2000.
XX
PF 05-JAN-2000; 2000WO-US000219.
XX
PR 08-MAR-1999; 99WO-US005028.
PR 12-MAR-1999; 99US-0123957P.
PR 14-MAY-1999; 99US-0134287P.
PR 02-JUN-1999; 99WO-US012252.
PR 23-JUN-1999; 99US-0141037P.
PR 20-JUL-1999; 99US-0144758P.
PR 26-JUL-1999; 99US-0145698P.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Ferrara N, Gerber H, Goddard A;
PI Godowski PJ, Gurney AL, Hillan KJ, Kuo SS, Mark MR, Marsters SA;
PI Paoni NF, Pitti RM, Watanabe CK, Williams PM, Wood WI;
XX
DR WPI; 2001-090793/10.
DR N-PSDB; AAC97400.
XX
PT New isolated nucleic acid for producing a PRO polypeptide, analyzing
PT genetic disorders and treating cardiovascular, endothelial or angiogenic
PT disorders, such as atherosclerosis, wounds or cancer.
XX
PS Claim 69; Fig 20; 293pp; English.
XX
CC The invention relates to novel human angiogenesis-associated proteins
CC designated PRO proteins (AAB53064-B53097), and to nucleic acids encoding
CC PRO proteins. The invention also relates to vectors and host cells
CC comprising a PRO nucleic acid, the recombinant production of a PRO
CC protein, PRO antibodies specific for a PRO protein, fusion proteins
CC comprising a PRO protein, agonists or antagonists of a PRO protein, and
CC compounds which inhibit the expression of a PRO gene. The invention
CC additionally encompasses methods of identifying modulators of PRO
CC expression or activity; diagnosing a cardiovascular, endothelial or
CC angiogenic disorder, or a susceptibility to such a disorder by detecting
CC mutations in a PRO gene, or the expression level of a PRO gene within a
CC particular tissue; treating a cardiovascular, endothelial or angiogenic
CC disorder via the administration of a PRO protein, PRO nucleic acid, or
CC PRO agonist or antagonist; a retroviral gene therapy vector comprising a

PRO nucleic acid; and methods of inhibiting or stimulating endothelial
cell growth, cardiac hypertrophy or PRO-induced angiogenesis via the
administration of a PRO protein, or an agonist or antagonist thereof. PRO
nucleic acids, PRO proteins, antibodies against PRO proteins, PRO
agonists and PRO antagonists may be used as therapeutic agents to treat
cardiovascular, endothelial or angiogenic disorders, such as
atherosclerosis, osteoporosis, myocardial infarction, hypertension,
diabetic retinopathy, rheumatoid arthritis, Crohn's disease, Huntington's
endometriosis, ulcers, wounds, cancer, Alzheimer's disease, Huntington's
disease, or stroke. PRO nucleic acids are additionally useful in the
recombinant production of PRO proteins, as hybridisation probes to screen
libraries to isolate cDNAs with sequence identity to PRO proteins, to map
genes encoding PRO proteins, to analyse genetic disorders, and in gene
therapy. PRO nucleic acids can also be used to produce transgenic animals
useful for the development and screening of potential therapeutic agents.
The present sequence represents a PRO protein of the invention

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 4; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDEHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEEAGPLPTKVNLAHSEI 323

RESULT 9

AAB88428
ID AAB88428 standard; protein; 323 AA.
XX
AC AAB88428;
XX
DT 23-MAY-2001 (first entry)
XX
DE Human membrane or secretory protein clone PSEC0203.
XX
KW Human; secretory protein; membrane protein; vaccine; gene therapy;
KW rheumatoid arthritis; diabetes.
XX
OS Homo sapiens.
XX
PN EP1067182-A2.
XX
PD 10-JAN-2001.
XX
PF 07-JUL-2000; 2000EP-00114090.
XX
PR 08-JUL-1999; 99JP-00194179.
PR 11-JAN-2000; 2000JP-00118775.
PR 02-MAY-2000; 2000JP-00183766.
XX

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(HELI-) HELIX RES INST.
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Ota T, Isogai T, Nishikawa T, Kawai Y, Sugiyama T, Hayashi K;
WPI; 2001-093989/11.
N-PSDB; AAF93855.

Nucleic acids encoding secretory proteins/membrane proteins, useful in gene therapy or as candidate target molecules in drug development.

Claim 1; SEQ ID NO 224; 609pp + Sequence Listing; English.

This invention relates to nucleic acid sequences AAP93744 - AAP93916 which encode human secretory or membrane proteins represented by AAB88317 - AAB88419. Included in the invention are primers AAF93917 - AAF94295 and AAF62232 - AAF62235 which are used to isolate the cDNA sequences of the invention. The invention also includes methods for the production of antibodies directed against the proteins, and cDNA sequences, which can be used in vaccines. The polynucleotide sequences can be used in gene therapy. The polynucleotide sequences and the proteins they encode may be used in the prevention, treatment and diagnosis of diseases associated with inappropriate secretory protein/membrane protein expression. The nucleic acids and complementary sequences may also be used as DNA probes in diagnostic assays (e.g. polymerase chain reactions (PCR)) to detect and quantitate the presence of similar nucleic acid sequences in samples. They may also be used to study the expression and function of secretory proteins/membrane polypeptides and their role in metabolism. The polypeptides may be used as antigens in the production of antibodies against them and in assays to identify modulators (agonists and antagonists) of expression and activity. The antibodies and antagonists may also be used as therapeutic agents to down regulate expression and activity. The antibodies may also be used as diagnostic agents for detecting the presence of the polypeptides in samples (e.g. by enzyme linked immunosorbant assay (ELISA). Examples of diseases which may be treated include rheumatoid arthritis and diabetes

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 4; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0

y 1 MAAPKGSILWVRTQIGLPPILLITMALAGSGGTASAEAFDSVLGDTASCCHACQLTYPLHT 60
| | | | |
b 1 MAAPKGSILWVRTQIGLPPILLITMALAGSGGTASAEAFDSVLGDTASCCHACQLTYPLHT 60

y 61 YPKEEELYAQCGRCLFSCQPVDDGDIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
| | | | |
b 61 YPKEEELYAQCGRCLFSCQPVDDGDIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

y 121 LPFAELRQBOLMSLMPEKHLLPPLLTVRSFWSDMMDSAQPITSSTWFYLQADDGKVIF 180
| | | | |
b 121 LPFAELRQBOLMSLMPEKHLLPPLLTVRSFWSDMMDSAQPITSSTWFYLQADDGKVIF 180

y 181 QSKPEIQAPHLEQEPTNLRESSLSKMYSYLOMRNSQAHRNFLEDGESDGLRLCSINSGW 240
| | | | |
b 181 QSKPEIQAPHLEQEPTNLRESSLSKMYSYLOMRNSQAHRNFLEDGESDGLRLCSINSGW 240

y 241 ILTTTLVLSVMULLWCATVATAVEQYPSEKLISYGDLFFMQKNRYPASSLVVR 300
| | | | |
b 241 ILTTTLVLSVMULLWCATVATAVEQYPSEKLISYGDLFFMQKNRYPASSLVVR 300

y 301 SKTEDHEEAGLP LTKVNLAHSEI 323
| | | | |
b 301 SKTEDHEEAGLP LTKVNLAHSEI 323

RESULT 10
BB84820
D ABB84820 standard; protein; 323 AA.
X C ABB84820;
X X

CC ABB5003. The PRO proteins and polynucleotides have cardiant, cytostatic,
CC antiangiogenic, hypotensive, vulnerary and antiarteriosclerotic
CC activities, and can be used in gene therapy. The PRO polynucleotides,
CC proteins, agonists and antagonists are useful for treating or diagnosing
CC a cardiovascular, endothelial or angiogenic disorder in a mammal, e.g.
CC cardiac hypertrophy, trauma, cancer, age-related macular degeneration,
CC atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,
CC angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour
CC angiogenesis (such as breast carcinoma and liver carcinoma) and wound
CC healing. The PRO polynucleotides have applications in molecular biology,
CC including use as hybridisation probes, and in chromosome and gene
CC mapping. ABL8259 to ABL8267 represent primers and probes used in the
CC exemplification of the present invention
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 5; Length 323;
Best local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKSLWVRLTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKSLWVRLTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMESAQSFTSSWTFYLQADDGKIVIP 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMESAQSFTSSWTFYLQADDGKIVIP 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 11
ABB95426
ID ABB95426 standard; protein; 323 AA.
AC ABB95426;
XX
DT 19-JUL-2002 (first entry)
XX Human angiogenesis related protein PRO195 SEQ ID NO: 8.
DE
XX Human; angiogenesis; PRO protein; cardiovascularisation; wound; cancer;
KW atherosclerosis; cardiac hypertrophy; gene therapy; endothelial disorder;
KW cardiant; cytostatic; antiangiogenic; hypotensive; vulnerary;
KW antiarteriosclerotic.
XX
OS Homo sapiens.
XX
PN WO200208284-A2.
XX
PD 31-JAN-2002.
XX
PF 09-JUL-2001; 2001WO-US021735.
XX
PR 20-JUL-2000; 2000US-0219556P.
PR 25-JUL-2000; 2000US-0220624P.
PR 25-JUL-2000; 2000US-0220664P.
PR 28-JUL-2000; 2000WO-US020710.
PR 02-AUG-2000; 2000US-0222695P.

PR 17-AUG-2000; 2000US-00643657.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 07-SEP-2000; 2000US-0230978P.
PR 18-SEP-2000; 2000US-00664610.
PR 18-SEP-2000; 2000US-00665350.
PR 24-OCT-2000; 2000US-0242922P.
PR 08-NOV-2000; 2000US-00709238.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 22-JAN-2001; 2001US-00767609.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 30-MAY-2001; 2001US-00870574.
PR 30-MAY-2001; 2001WO-US017443.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
XX (GETH) GENENTECH INC.
PA (BAKE/) BAKER K P.
PA (FERR/) FERRARA N.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODO/) GODDARD A.
PA (GURN/) GURNEYSKI P J.
PA (HILL/) HILLAN K J.
PA (MARS/) MARSTERS S A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (STEP/) STEPHAN J P.
PA (WATA/) WATANABE C K.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
XX
PI Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;
PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Paoni NF;
PI Stephan JF, Watanabe CK, Williams PM, Wood WI, Ye W;
XX
DR WPI; 2002-171999/22.
DR N-PSDB; ABL95564.
XX
PT One hundred and eighty seven nucleic acids encoding PRO polypeptides,
PT useful in diagnosis and treatment of cardiovascular (e.g. myocardial
PT infarction), endothelial or angiogenic disorders in a mammal.
XX
PS Claim 11; Fig 8; 567pp; English.
XX
CC The present invention provides the protein and coding sequences of human
CC PRO proteins. These are useful for treating or diagnosing a
CC cardiovascular, endothelial or angiogenic disorder, including cardiac
CC hypertrophy, trauma, cancer, age-related macular degeneration,
CC atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,
CC angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour
CC angiogenesis (such as breast carcinoma and liver carcinoma) and wound
CC healing. The present sequence is a PRO protein of the invention
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 5; Length 323;

		Best Local Similarity	100.0%;	Pred. No. 5.5e-167;					
		Matches 323;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps
									0;
ay	1	MAAPKGSWVNTQLGLPPLLLLTMLAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT	60						
ib	1	MAAPKGSWVNTQLGLPPLLLLTMLAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT	60						
ay	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKTKLECESACTEAYSQSDEQYACHLGCQNG	120						
ib	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKTKLECESACTEAYSQSDEQYACHLGCQNG	120						
ay	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDDMSAQSFITSSWTFYLAADDGKIIVF	180						
ib	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDDMSAQSFITSSWTFYLAADDGKIIVF	180						
ay	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW	240						
ib	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW	240						
ay	241	ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR	300						
ib	241	ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR	300						
ay	301	SKTEDHERAGPLPTKVNLAHSEI	323						
ib	301	SKTEDHERAGPLPTKVNLAHSEI	323						
RESULT 12									
US017751									
D	ABO17751 standard; protein; 323 AA.								
X	ABO17751;								
X	26-AUG-2003 (first entry)								
X	Novel human secreted and transmembrane protein PRO195.								
X	Human; secreted and transmembrane protein; PRO; antiinflammatory;								
X	antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytostatic;								
X	antidiabetic; gene therapy; tumour necrosis factor (TNF)-alpha release;								
X	TNF-alpha release; cell proliferation; cell differentiation;								
X	gene expression modulator; proteoglycan release; cytokine release;								
X	tumour; inflammatory disease; organ failure; atherosclerosis;								
X	cardiac injury; infertility; birth defect; premature aging; AIDS;								
X	acquired immunodeficiency syndrome; cancer; diabetic complication;								
X	chromosome mapping; gene mapping; pharmaceutical; diagnostic; biosensor;								
X	bioreactor; tissue typing.								
IS	Homo sapiens.								
X	US2003032156-A1.								
X	13-FEB-2003.								
X	06-MAY-2002; 2002US-00140474.								
X	31-MAR-1997; 97WO-US005230.								
X	12-JUN-1998; 98WO-US012456.								
X	14-JUL-1998; 98WO-US014552.								
X	28-AUG-1998; 98WO-US017888.								
X	10-SEP-1998; 98WO-US018824.								
X	14-SEP-1998; 98WO-US019093.								
X	14-SEP-1998; 98WO-US019094.								
X	16-SEP-1998; 98WO-US019177.								
X	17-SEP-1998; 98WO-US019437.								
X	07-OCT-1998; 98WO-US021141.								
X	29-OCT-1998; 98WO-US022991.								
X	29-OCT-1998; 98WO-US022992.								
X	20-NOV-1998; 98WO-US024855.								
X	01-DEC-1998; 98WO-US025108.								
X	05-JAN-1999; 99WO-US000106.								

PR	08-MAR-1999;	99WO-US005028.
PR	10-MAR-1999;	99WO-US005190.
PR	20-APR-1999;	99WO-US008615.
PR	14-MAY-1999;	99WO-US010733.
PR	02-JUN-1999;	99WO-US012252.
PR	01-SEP-1999;	99WO-US020111.
PR	08-SEP-1999;	99WO-US020594.
PR	13-SEP-1999;	99WO-US020944.
PR	15-SEP-1999;	99WO-US021090.
PR	15-SEP-1999;	99WO-US021547.
PR	05-OCT-1999;	99WO-US023089.
PR	29-NOV-1999;	99WO-US028214.
PR	30-NOV-1999;	99WO-US028313.
PR	30-NOV-1999;	99WO-US028409.
PR	01-DEC-1999;	99WO-US028301.
PR	01-DEC-1999;	99WO-US028634.
PR	02-DEC-1999;	99WO-US028551.
PR	02-DEC-1999;	99WO-US028564.
PR	02-DEC-1999;	99WO-US028565.
PR	16-DEC-1999;	99WO-US030095.
PR	20-DEC-1999;	99WO-US030911.
PR	20-DEC-1999;	99WO-US030999.
PR	22-DEC-1999;	99WO-US030720.
PR	30-DEC-1999;	99WO-US031243.
PR	30-DEC-1999;	99WO-US031274.
PR	05-JAN-2000;	2000WO-US000219.
PR	06-JAN-2000;	2000WO-US000277.
PR	06-JAN-2000;	2000WO-US000376.
PR	11-FEB-2000;	2000WO-US003565.
PR	18-FEB-2000;	2000WO-US004341.
PR	18-FEB-2000;	2000WO-US004342.
PR	22-FEB-2000;	2000WO-US004414.
PR	24-FEB-2000;	2000WO-US004914.
PR	24-FEB-2000;	2000WO-US005004.
PR	01-MAR-2000;	2000WO-US005601.
PR	02-MAR-2000;	2000WO-US005746.
PR	02-MAR-2000;	2000WO-US005841.
PR	10-MAR-2000;	2000WO-US006319.
PR	15-MAR-2000;	2000WO-US006884.
PR	20-MAR-2000;	2000WO-US007377.
PR	21-MAR-2000;	2000WO-US007532.
PR	30-MAR-2000;	2000WO-US008439.
PR	17-MAY-2000;	2000WO-US013705.
PR	22-MAY-2000;	2000WO-US014042.
PR	30-MAY-2000;	2000WO-US014941.
PR	02-JUN-2000;	2000WO-US015264.
PR	28-JUL-2000;	2000WO-US020710.
PR	11-AUG-2000;	2000WO-US022031.
PR	23-AUG-2000;	2000WO-US023522.
PR	24-AUG-2000;	2000WO-US023328.
PR	08-NOV-2000;	2000WO-US030952.
PR	10-NOV-2000;	2000WO-US030873.
PR	01-DEC-2000;	2000WO-US032678.
PR	20-DEC-2000;	2000US-00747259.
PR	20-DEC-2000;	2000WO-US034956.
PR	28-FEB-2001;	2001US-00796498.
PR	28-FEB-2001;	2001WO-US006520.
PR	01-MAR-2001;	2001WO-US006666.
PR	09-MAR-2001;	2001US-00802706.
PR	14-MAR-2001;	2001US-00808689.
PR	22-MAR-2001;	2001US-00816744.
PR	05-APR-2001;	2001US-00828366.
PR	10-MAY-2001;	2001US-00854208.
PR	10-MAY-2001;	2001US-00854280.
PR	18-MAY-2001;	2001US-00860216.
PR	25-MAY-2001;	2001US-00866028.
PR	25-MAY-2001;	2001US-00866034.
PR	25-MAY-2001;	2001WO-US017092.
PR	01-JUN-2001;	2001US-00872035.
PR	01-JUN-2001;	2001WO-US017800.
PR	05-JUN-2001;	2001US-00874503.
PR	14-JUN-2001;	2001US-00882636.
PR	19-JUN-2001;	2001US-00886342.

PR	21-APR-1999;	99US-0130232P.
PR	26-APR-1999;	99US-0131022P.
PR	28-APR-1999;	99US-0131445P.
PR	14-MAY-1999;	99US-00311832.
PR	14-MAY-1999;	99US-0134287P.
PR	14-MAY-1999;	99WO-US010733.
PR	02-JUN-1999;	99WO-US012252.
PR	16-JUN-1999;	99US-0139557P.
PR	23-JUN-1999;	99US-0141037P.
PR	07-JUL-1999;	99US-0142680P.
PR	26-JUL-1999;	99US-0145698P.
PR	28-JUL-1999;	99US-0146222P.
PR	25-AUG-1999;	99US-00380137.
PR	25-AUG-1999;	99US-00380138.
PR	25-AUG-1999;	99US-00380142.
PR	29-OCT-1999;	99US-0162506P.
PR	30-NOV-1999;	99WO-US028313.
PR	02-DEC-1999;	99WO-US028551.
PR	02-DEC-1999;	99WO-US028565.
PR	16-DEC-1999;	99WO-US030095.
PR	30-DEC-1999;	99WO-US031243.
PR	30-DEC-1999;	99WO-US031274.
PR	05-JAN-2000;	2000WO-US000219.
PR	06-JAN-2000;	2000WO-US000277.
PR	06-JAN-2000;	2000WO-US000376.
PR	11-FEB-2000;	2000WO-US003565.
PR	18-FEB-2000;	2000WO-US004341.
PR	24-FEB-2000;	2000WO-US005004.
PR	02-MAR-2000;	2000WO-US005841.
PR	10-MAR-2000;	2000WO-US006319.
PR	21-MAR-2000;	2000WO-US007532.
PR	30-MAR-2000;	2000WO-US008439.
PR	17-MAY-2000;	2000WO-US013705.
PR	22-MAY-2000;	2000WO-US014042.
PR	30-MAY-2000;	2000WO-US014941.
PR	02-JUN-2000;	2000WO-US015264.
PR	28-JUL-2000;	2000WO-US020710.
PR	24-AUG-2000;	2000WO-US023328.
PR	08-NOV-2000;	2000US-00709238.
PR	27-NOV-2000;	2000US-00723749.
PR	01-DEC-2000;	2000WO-US032678.
PR	20-DEC-2000;	2000US-00747259.
PR	20-DEC-2000;	2000WO-US034956.
PR	28-FEB-2001;	2001WO-US006520.
PR	22-MAR-2001;	2001US-00816744.
PR	22-MAR-2001;	2001US-00816920.
PR	22-MAR-2001;	2001WO-US009552.
PR	10-MAY-2001;	2001US-00854208.
PR	10-MAY-2001;	2001US-00854280.
PR	25-MAY-2001;	2001WO-US017092.
PR	01-JUN-2001;	2001US-00872035.
PR	01-JUN-2001;	2001WO-US017800.
PR	05-JUN-2001;	2001US-00874503.
PR	14-JUN-2001;	2001US-00882636.
PR	19-JUN-2001;	2001US-00886342.
PR	20-JUN-2001;	2001WO-US019692.
PR	29-JUN-2001;	2001WO-US021066.
PR	09-JUL-2001;	2001WO-US021735.
PR	30-JUL-2001;	2001US-00918585.
XX		
PA	(GETH) GENENTECH INC.	
XX		
PI	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;	
PI	Ferrara N, Pilvaroff E, Fong S, Gerber H, Gerritsen ME;	
Query Match 100.0%; Score 1694; DB 6; Length 323;		
Best Local Similarity 100.0%; Pred. No. 5.5e-167;		
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
QY	1	MAAPKGS�VTRTQGLPPIIIITWALAGSGTASAEFDSVLGDTASCHRACOLTYPLHT 60
DB	1	MAAPKGS�VTRTQGLPPIIIITWALAGSGTASAEFDSVLGDTASCHRACOLTYPLHT 60

2y 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQCNQ 120
2b 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQCNQ 120
2y 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180
2b 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180
2y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOWRNSQAHNLFLEDGESDGFRLCRLSLNSGW 240
2b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOWRNSQAHNLFLEDGESDGFRLCRLSLNSGW 240
2y 241 ILFTTLVLVSMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
2b 241 ILFTTLVLVSMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
2y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
2b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 14
ABU81005
ID ABU81005 standard; protein; 323 AA.
AC ABU81005;
XX
XX
DT 23-JUN-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO polypeptide; secreted and transmembrane protein;
KW anti-PRO antibody; diagnostic assay; gene expression; diabetes;
KW bone disorder; cartilage disorder; rheumatoid arthritis; obesity;
KW sports injury; osteoarthritis; hyper-insulinaemia; hypo-insulinaemia;
KW hearing loss; coagulation disorder; stroke; heart attack; cardiac;
KW antidiabetic; anorectic; vulnery; antiarthritic; osteopathic;
KW antirheumatic; auditory; cerebroprotective; angiogenic.
XX
OS Homo sapiens.
XX
PN US2003004311-A1.
XX
PD 02-JAN-2003.
XX
PF 19-DEC-2001; 2001US-00028072.
XX
PR 18-JUN-1997; 97US-0049911P.
PR 26-AUG-1997; 97US-0056974P.
PR 17-SEP-1997; 97US-0059113P.
PR 17-SEP-1997; 97US-0059115P.
PR 17-SEP-1997; 97US-0059117P.
PR 17-SEP-1997; 97US-0059122P.
PR 17-SEP-1997; 97US-0059184P.
PR 18-SEP-1997; 97US-0059263P.
PR 19-SEP-1997; 97US-0059352P.
PR 19-SEP-1997; 97US-0059588P.
PR 24-SEP-1997; 97US-0059836P.
PR 17-OCT-1997; 97US-0062250P.
PR 17-OCT-1997; 97US-0062285P.
PR 17-OCT-1997; 97US-0062287P.
PR 17-OCT-1997; 97US-0063755P.
PR 24-OCT-1997; 97US-0062814P.
PR 24-OCT-1997; 97US-0062816P.
PR 24-OCT-1997; 97US-0063045P.
PR 24-OCT-1997; 97US-0063082P.
PR 24-OCT-1997; 97US-0063127P.
PR 27-OCT-1997; 97US-0063327P.
PR 27-OCT-1997; 97US-0063329P.
PR 28-OCT-1997; 97US-0063550P.
PR 28-OCT-1997; 97US-0063561P.
PR 29-OCT-1997; 97US-0063704P.
PR 29-OCT-1997; 97US-0063733P.

PR 29-OCT-1997; 97US-0063735P.
PR 29-OCT-1997; 97US-0063738P.
PR 03-NOV-1997; 97US-0064248P.
PR 07-NOV-1997; 97US-0064809P.
PR 12-NOV-1997; 97US-0065186P.
PR 17-NOV-1997; 97US-0065846P.
PR 21-NOV-1997; 97US-0066364P.
PR 24-NOV-1997; 97US-0066453P.
PR 24-NOV-1997; 97US-0066511P.
PR 24-NOV-1997; 97US-0066770P.
PR 11-DEC-1997; 97US-0069212P.
PR 11-DEC-1997; 97US-0069278P.
PR 11-DEC-1997; 97US-0069334P.
PR 16-DEC-1997; 97US-0069694P.
PR 23-JAN-1998; 98US-0072320P.
PR 04-FEB-1998; 98US-0073612P.
PR 09-FEB-1998; 98US-0074086P.
PR 09-FEB-1998; 98US-0074092P.
PR 12-MAR-1998; 98US-0077791P.
PR 20-MAR-1998; 98US-0078910P.
PR 25-MAR-1998; 98US-0079294P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079728P.
PR 31-MAR-1998; 98US-0080165P.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.

PR

PR 02-MAR-2000; 2000WO-US005746.
CX (GETH) GENENTECH INC.
CX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
CX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
CX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
CX
CX WPI; 2003-352836/33.
CX N-PSDB; ACA67129.
CX
CX New isolated PRO polypeptide useful for treating diabetes, rheumatoid
CX arthritis, sports injuries, obesity, hearing loss in mammals, stroke, or
CX heart attack.
CX
CX Claim 12; Fig 272; 643pp; English.
CX
CX The present invention relates to the isolation of novel human PRO
CX polypeptides, and the polynucleotide sequences encoding them. The PRO
CX polypeptides are secreted and transmembrane proteins. The PRO
CX polypeptides and polynucleotides are useful for preparing a medicament
CX useful in the treatment of diabetes, bone and/or cartilage disorders
CX (e.g. rheumatoid arthritis, sports injuries, osteoarthritis), obesity,
CX hyper- or hypo-insulinaemia, hearing loss, and coagulation disorders
CX (e.g. stroke, heart attack). Anti-PRO antibodies are useful in diagnostic
CX assays for PRO, by detecting its expression in specific cells, tissues or
CX serum, and for affinity purification of PRO from recombinant cell culture
CX or natural sources. AB08070-ABU81144 represent the human PRO
CX polypeptides of the invention. Note: The sequence data for this patent
CX was obtained in electronic format directly from the USPTO web site at
CX seqdata.uspto.gov/psipdsIDEntry.html
CX
CX Sequence 323 AA;
CX
CX Query Match 100.0%; Score 1694; DB 6; Length 323;
CX Best Local Similarity 100.0%; Pred. No. 5.5e-167;
CX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
CX
CX 1 MAAPKGSLSWVTRTQLPPLLLTLMALAGSGSTASARAFDSVLGDTASCHRAQLTYPLHT 60
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CX 1 MAAPKGSLSWVTRTQLPPLLLTLMALAGSGSTASARAFDSVLGDTASCHRAQLTYPLHT 60
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CX 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQWQ 120
CX |||||||
CX 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQWQ 120
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CX 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPFITSWTFFYLQADDGKIVIF 180
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CX 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWNSQAHNFLEDGESDGLRCLSLNSGW 240
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CX 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWNSQAHNFLEDGESDGLRCLSLNSGW 240
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CX 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
CX |||||||
CX 301 SKTEDHEEAGPLPTKVNLAHSEI 323
CX |||||||
CX 301 SKTEDHEEAGPLPTKVNLAHSEI 323
CX |||||||
CX
CX RESULT 15
CX ABU72241
CX ABU72241 standard; protein; 323 AA.
CX
CX ABU72241;
CX
CX 16-JUN-2003 (first entry)
CX
CX Novel human secreted and transmembrane protein PRO195.
CX

KW Human; secreted and transmembrane protein; PRO; antiinflammatory;
KW antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytostatic;
KW antidiabetic; gene therapy; inflammatory disease; organ failure;
KW atherosclerosis; cardiac injury; infertility; birth defect;
KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;
KW gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;
KW tissue typing.
XX
OS Homo sapiens.
XX
PN US2002192706-A1.
XX
PD 19-DEC-2002.
XX
PF 24-OCT-2001; 2001US-00999832.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.

PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.

(GETH) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-328860/31.
DR N-PSDB; ACA63739.

XX New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.

XX Claim 12; Fig 132; 453pp; English.

XX The invention describes an isolated nucleic acid (I) comprising, or which
CC is at least 80 % sequence identity to, or the full-length coding sequence
CC of, any of 118 300-2100 nucleotide sequences, which encodes its
CC corresponding PRO polypeptide selected from 118 100-700 amino acid
CC sequences, all given in the specification. The nucleic acids and
CC polypeptides are useful for treating inflammatory diseases, organ
CC failure, atherosclerosis, cancer, or diabetic complications. The nucleic
CC acids are useful as hybridisation probes, in chromosome and gene mapping,
CC and in generating antisense RNA or DNA. The polypeptides are useful as
CC pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful
CC in tissue typing. This is the amino acid sequence of a novel human
CC secreted and transmembrane PRO polypeptide

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. NO. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQIGLPPLLLLTALAGSGCTASAEAFDSVLGDTASCHRACTYPLT 60
DB 1 MAAPKGLWRTQIGLPPLLLLTALAGSGCTASAEAFDSVLGDTASCHRACTYPLT 60

QY 61 YPKBEELIACQRCGLFSCQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKBEELIACQRCGLFSCQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKQHLLFPLTLVRSFSDMMDSAQSFFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKQHLLFPLTLVRSFSDMMDSAQSFFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKYNLAHSEI 323

RESULT 16

ABU66705
ID ABU66705 standard; protein; 323 AA.

XX AC ABU66705;

XX DT 23-MAY-2003 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO polypeptide; secreted and transmembrane protein;
KW tumour necrosis factor-alpha; TNF-alpha; blood; proliferation;
KW differentiation; chondrocyte; tumour; genetic disorder; cytostatic.
OS Homo sapiens.

XX PN US2003036180-A1.

XX PD 20-FEB-2003.

XX PF 09-MAY-2002; 2002US-00143114.

XX PR 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 14-SEP-1998; 98WO-US019177.

PR 16-SEP-1998; 98WO-US019330.

PR 17-SEP-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.

PR 29-OCT-1998; 98WO-US022992.

PR 20-NOV-1998; 98WO-US024855.

PR 01-DEC-1998; 98WO-US025108.

PR 05-JAN-1999; 99WO-US000106.

PR 08-MAR-1999; 99WO-US005028.

PR 10-MAR-1999; 99WO-US005190.

PR 20-APR-1999; 99WO-US008615.

PR 14-MAY-1999; 99WO-US010733.

PR 02-JUN-1999; 99WO-US012252.

PR 01-SEP-1999; 99WO-US020111.

PR 08-SEP-1999; 99WO-US020594.

PR 13-SEP-1999; 99WO-US020944.

PR 15-SEP-1999; 99WO-US021090.

PR 15-SEP-1999; 99WO-US021547.

PR 05-OCT-1999; 99WO-US023089.

PR 29-NOV-1999; 99WO-US028214.

PR 30-NOV-1999; 99WO-US028313.

30-NOV-1999; 99WO-US028409.
01-DEC-1999; 99WO-US028301.
01-DEC-1999; 99WO-US028634.
02-DEC-1999; 99WO-US028551.
02-DEC-1999; 99WO-US028564.
02-DEC-1999; 99WO-US028565.
16-DEC-1999; 99WO-US030095.
20-DEC-1999; 99WO-US030911.
20-DEC-1999; 99WO-US030999.
22-DEC-1999; 99WO-US030720.
30-DEC-1999; 99WO-US031243.
30-DEC-1999; 99WO-US031274.
05-JAN-2000; 2000WO-US000219.
06-JAN-2000; 2000WO-US000277.
06-JAN-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US003565.
18-FEB-2000; 2000WO-US004341.
18-FEB-2000; 2000WO-US004342.
22-FEB-2000; 2000WO-US004414.
24-FEB-2000; 2000WO-US004914.
24-FEB-2000; 2000WO-US005004.
01-MAR-2000; 2000WO-US005601.
02-MAR-2000; 2000WO-US005746.
02-MAR-2000; 2000WO-US005841.
10-MAR-2000; 2000WO-US006319.
15-MAR-2000; 2000WO-US006884.
20-MAR-2000; 2000WO-US007377.
21-MAR-2000; 2000WO-US007532.
30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
30-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US015264.
28-JUL-2000; 2000WO-US020710.
11-AUG-2000; 2000WO-US022031.
23-AUG-2000; 2000WO-US023522.
24-AUG-2000; 2000WO-US023328.
08-NOV-2000; 2000WO-US030952.
10-NOV-2000; 2000WO-US030873.
01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2000US-00747259.
20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001US-00796498.
28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006666.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00808689.
22-MAR-2001; 2001US-00816744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854280.
18-MAY-2001; 2001US-00860216.
25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US020116.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

XX

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Geritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-332040/31.
DR N-PSDB; ACA03738.
XX
PT New secreted and transmembrane PRO nucleic acids, useful for gene
PT therapy, in chromosome and gene mapping, as chromosome markers, in tissue
PT typing, and in chromosome identification.
XX
PS Claim 12; Fig 272; 660pp; English.
XX
CC The present invention relates to the isolation of novel human PRO
CC polypeptides, and the polynucleotide sequences encoding them. The PRO
CC polypeptides are secreted and transmembrane proteins. The PRO
CC polypeptides are useful for detecting other PRO polypeptides, for linking
CC bioactive molecules to cells expressing PRO polypeptides, for modulating
CC biological activities of cells expressing PRO polypeptides, and for
CC identifying agonists or antagonists. The PRO polypeptides are useful for
CC for stimulating the release of tumour necrosis factor (TNF)-alpha from
CC human blood, for stimulating the proliferation or differentiation of
CC chondrocytes, and detecting the presence of tumours. The polynucleotide
CC sequences encoding PRO polypeptides are useful as hybridisation probes,
CC in chromosome and gene mapping, in the generation of antisense RNA and
CC DNA, in the preparation of PRO polypeptides, for generating transgenic
CC animals or knockout animals, for the genetic analysis of individuals with
CC genetic disorders, and in gene therapy. ABU66570-ABU66844 represent the
CC human PRO polypeptides of the invention. Note: The sequence data for this
CC patent was obtained in electronic format directly from the USPTO web site
CC at seqdata.uspto.gov/psipdidentry.html
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACQTYPLHT 60
DB 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACQTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120
DB 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120
QY 121 LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSDMMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSDMMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 17

ABU84921
ID ABU84921 standard; protein; 323 AA.

XX
AC ABU84921;

XX
DT 12-AUG-2003 (first entry)

XX
DE Human secreted and transmembrane polypeptide PRO195.
XX

KW Human; thrombolytic agent; interferon; interleukin; cytokine;
KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;
KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;
KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;
KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;
KW hypertension; myocardial ischaemia; kidney disease; carcinogenesis;
KW glomerulonephritis; lung disease; pulmonary hypertension; preeclampsia;
KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;
KW inflammatory bowel disease; reproductive disorder; premature labour.

XX

OS Homo sapiens.

XX US2002177553-A1.

PN

XX 28-NOV-2002.

XX 15-OCT-2001; 2001US-00978192.

XX 17-OCT-1997; 97US-0062250P.

PR 03-NOV-1997; 97US-0064249P.

PR 13-NOV-1997; 97US-0065311P.

PR 21-NOV-1997; 97US-0066364P.

PR 10-MAR-1998; 98US-0077450P.

PR 11-MAR-1998; 98US-0077632P.

PR 11-MAR-1998; 98US-0077641P.

PR 11-MAR-1998; 98US-0077649P.

PR 12-MAR-1998; 98US-0077791P.

PR 13-MAR-1998; 98US-0078004P.

PR 17-MAR-1998; 98US-00040220.

PR 20-MAR-1998; 98US-0078886P.

PR 20-MAR-1998; 98US-0078910P.

PR 20-MAR-1998; 98US-0078936P.

PR 20-MAR-1998; 98US-0078939P.

PR 25-MAR-1998; 98US-0079294P.

PR 26-MAR-1998; 98US-0079656P.

PR 27-MAR-1998; 98US-0079663P.

PR 27-MAR-1998; 98US-0079664P.

PR 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.

PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.

PR 26-JUN-1998; 98US-00105413.

PR 07-OCT-1998; 98US-00168978.

XX 07-OCT-1998; 98WO-US021141.

PR 02-NOV-1998; 98US-00184216.

PR 06-NOV-1998; 98US-00187368.

PR 20-NOV-1998; 98WO-US024855.

PR 07-DEC-1998; 98US-00202054.

PR 22-DEC-1998; 98US-00218517.

PR 05-JAN-1999; 99WO-US000106.

PR 05-MAR-1999; 99US-00254465.

PR 08-MAR-1999; 99WO-US005028.

PR 10-MAR-1999; 99US-00265686.

PR 10-MAR-1999; 99WO-US005190.

PR 12-MAR-1999; 99US-00267213.

PR 12-APR-1999; 99US-00284291.

PR 14-MAY-1999; 99US-00311832.

PR 14-MAY-1999; 99WO-US010733.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 25-AUG-1999; 99US-00380138.

PR 25-AUG-1999; 99US-00380142.

PR 30-NOV-1999; 99WO-US028313.

PR 02-DEC-1999; 99WO-US028551.

PR 02-DEC-1999; 99WO-US028565.

PR 16-DEC-1999; 99WO-US030095.

PR 30-DEC-1999; 99WO-US031243.

PR 30-DEC-1999; 99WO-US031274.

PR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.

PR 11-FEB-2000; 2000WO-US003565.

PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.

XX (GETH) GENENTECH INC.

XX

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;

PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;

PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;

PI Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-328499/31.

DR N-PSDB; ACA71903.

XX

PT New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as

PT pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying

PT modulators of receptor-ligand interactions.

XX

PS Claim 12; SEQ ID NO 330; 55pp; English.

XX

CC The invention relates to an isolated secreted and transmembrane

CC polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful

CC in PRO polypeptide detection methods. The PRO polypeptide is useful for

CC linking a bioactive molecule to a cell. The PRO polypeptide or an

CC antibody against it is useful for modulating a biological activity of a

CC cell. The PRO polypeptide is useful in industrial applications including

CC pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO

CC polypeptide is also useful as a thrombolytic agent, interferon,

CC interleukin, erythropoietin, colony stimulating factor and other

CC cytokines. The PRO polypeptide is useful for treating disease such as

CC cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,

CC amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,

CC atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,

CC Parkinson's disease; cardiovascular disease e.g. hypertension and

CC myocardial ischaemia; kidney disease e.g. renal failure and

CC glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial

CC asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory

CC bowel disease; reproductive disorders e.g. premature labour and

CC preeclampsia; carcinogenesis. The present sequence represents the amino

CC acid sequence of a PRO polypeptide of the invention. Note: The sequence

CC data for this patent did not form part of the printed specification but

CC was obtained in electronic format directly from USPTO at

PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WFI; 2003-148238/14.
DR N-PSDB; ABX89276.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; Fig 272; 659pp; English.
XX
CC The invention describes an isolated human PRO polypeptide. The PRO
CC polypeptides are useful in detecting PRO polypeptides in a sample, in
CC linking a bioactive molecule to a cell expressing a PRO polypeptide, and
CC in modulating at least one biological activity of a cell expressing a PRO
CC polypeptide. PRO1312 stimulates hypertrophy of neonatal heart and is thus
CC useful for treating cardiac insufficiency disorders. PRO1154 and PRO1186
CC stimulate adrenal cortical capillary endothelial growth, and PRO536,
CC PRO943, PRO828, PRO826, PRO1068 or PRO535, PRO826, PRO819, PRO1126,
CC PRO1360 and PRO1387 induce c-fos in endothelial cells, and are thus
CC useful for treating conditions or disorders where angiogenesis would be
CC beneficial, e.g. wound healing and antagonist of this polypeptide are
CC useful for treating cancerous tumours. PRO812 inhibits vascular
CC endothelial growth factor (VEGF) stimulated proliferation of endothelial
CC cells and is thus useful for inhibiting endothelial cell growth in
CC mammals which would be beneficial in inhibiting tumour growth. PRO826,
CC PRO1068, PRO1184, PRO1346 and PRO1375 stimulate proliferation of
CC stimulated T-lymphocytes and are therapeutically useful for enhancing
CC immune response. PRO828, PRO826, PRO1068 or PRO1132 enhance survival of
CC retinal neurons cells (PRO1132 is also enhances survival/proliferation of
CC rod photoreceptor cells) and therefore are useful for treating retinal
CC disorders of injuries, e.g. retinitis pigmentosa, AMD. PRO819, PRO813
CC and PRO11066 induce proliferation of mammalian kidney mesangial cells,
CC and therefore are useful for treating kidney disorders associated with
CC decreased mesangial cell function such as Berger disease or other
CC nephropathies associated with dermatitis, herpeticiformis or Crohn's
CC disease. PRO1310, PRO844, PRO1312, PRO1192 and PRO1387 induce the
CC proliferation and/or redifferentiation of chondrocytes in culture and are
CC thus useful for treating sports injuries, and arthritis. This is the
CC amino acid sequence of a novel human PRO protein
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLQGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWVRLQGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120

Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 19
ABU61119
ID ABU61119 standard; protein; 323 AA.
XX
AC ABU61119;
XX
DT 08-MAY-2003 (first entry)
XX
DE Human PRO195 polypeptide.
XX
KW Human; PRO polypeptide; secreted and transmembrane protein;
KW immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia;
KW cardiac insufficiency; nervous system disorder; kidney disorder;
KW bone disorder; cartilage disorder; arthritis; tumour; wound healing;
KW genetic disorder; cytostatic; antidiabetic; antiinflammatory;
KW antiarthritic; anti-tumour; vulnary; antianaemic; dermatological;
KW cardiant.
XX
OS Homo sapiens.
XX US2002169284-A1.
XX 14-NOV-2002.
PF 16-OCT-2001; 2001US-00978697.
XX 81US-00267213.
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 25-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 26-JUN-1998; 98US-00105413.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.

PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-APR-1999; 99US-00284291.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 99US-00380142.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 16-DEC-1999; 99WO-US028565.
PR 02-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

XX Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen MB;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;

XX WPI; 2003-288163/28.
DR N-PSDB; ABX92543.

XX Novel secreted and transmembrane polypeptides and polynucleotides

PT encoding them useful for treating cancer, kidney diseases, bone,
PT cartilage disorders and immune deficiencies.
XX Claim 12; Fig 132; 459pp; English.
PS The present invention relates to the isolation of novel human PRO
XX polypeptides, and the polynucleotide sequences encoding them. The PRO
CC polypeptides are secreted and transmembrane proteins. The PRO
CC polypeptides are useful for detecting other PRO polypeptides, for linking
CC bioactive molecules to cells expressing PRO polypeptides, and for
CC biological activities of cells expressing PRO polypeptides, and for
CC identifying agonists or antagonists. The bioactive molecule maybe a
CC toxin, radiolabel or antibody, and causes apoptosis or death of the cell.
CC The PRO polypeptides are useful for treating immune disorders, diabetes
CC or hyper- or hypo-insulinaemia, cardiac insufficiency, nervous system
CC disorders, kidney disorders, bone and cartilage disorders or arthritis,
CC tumours, and wound healing. The polynucleotide sequences encoding PRO
CC polypeptides are useful as hybridisation probes, in chromosome and gene
CC mapping, in the generation of antisense RNA and DNA, in the preparation
CC of PRO polypeptides, for generating transgenic animals or knockout
CC animals, for the genetic analysis of individuals with genetic disorders,
CC and in gene therapy. ABU61071-ABU61164 represent the human PRO
CC polypeptides of the invention. Note: The sequence data for this patent
CC was obtained in electronic format directly from the USPTO web site at
CC seqdata.uspto.gov/psipadEntry.html
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
DB 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
QY 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFSDMMDSAQSFITSSWTFYLQADDGKIVIF 180
DB 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFSDMMDSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPEKLSIYGLDFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPEKLSIYGLDFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 20

ABO24976
ID ABO24976 standard; protein; 323 AA.

XX ABO24976;

AC ABO24976;

XX 05-SEP-2003 (first entry)

DT Human secreted/transmembrane protein (PRO) #136.
XX Human; PRO; secreted protein; transmembrane protein; tumour; cytostatic;
KW gene therapy; tumour necrosis factor-alpha; TNF-alpha; blood;
KW proteoglycan; cartilage; cytokine; peripheral blood mononuclear cell;
KW PBMC; glucose uptake; PFA; skeletal muscle cell; adipocyte cell;
KW chondrocyte cell proliferation; chondrocyte cell differentiation;
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell; A-peptide; factor VIIA.
XX Homo sapiens.
OS
XX US2003036179-A1.
PN
XX
PD 20-FEB-2003.
XX
PF 10-MAY-2002; 2002US-00142431.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.

PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-466355/44.
N-PSDB; ACD41930.

New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PRO4978, useful in molecular biology, chromosome and gene mapping, in
generating antisense RNA and DNA, and in gene therapy.

Claim 12; Fig 272; 659pp; English.

The invention relates to an isolated nucleic acid comprising at least 80%
sequence identity to a PRO (secreted and transmembrane protein) cDNA
comprising a nucleic acid (a) encoding a PRO polypeptide, or its
extracellular domain (with or without its associated signal peptide),
which comprises any of the 275 120-850 residue amino acid sequences,
given in the specification; (b) comprising any of the 275 300-3500
nucleotide sequences, given in the specification; or (c) comprising the
full-length coding sequence of the nucleotide sequences given in the
specification, or of the DNA deposited under any of the American Type
Culture Collection (ATCC) Accession Numbers listed in the specification.
Also included are a vector comprising the novel nucleic acid, a host cell
comprising the vector, producing a PRO polypeptide, the isolated PRO
polypeptides detailed above, a chimeric molecule comprising the PRO
polypeptide of fused to a heterologous amino acid sequence, an anti-PRO
antibody, detecting a PRO polypeptide in a sample suspected of containing a
the PRO polypeptide, linking a bioactive molecule to a cell expressing a
PRO polypeptide, modulating at least one biological activity of a cell
expressing a PRO polypeptide, stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, (or proteoglycans from
cartilage or cytokine from peripheral blood mononuclear cells (PBMC)),
modulating the uptake of glucose or FFA by skeletal muscle cells or

Sequence 323 AA;

1 MAA PKGSLWVRTQGLPPILLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAA PKGSLWVRTQGLPPILLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKREELYACQRCRLFSICQVDDGIDINRTKLECESACTEAYSQSDQYACHLCQNQ 120

121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFITSSWTFYLCQADGKIVIP 180

181 QSKPEIQAPHLEQEPNLEBSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240

241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR	300
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301	SKTEDHEEAGPLPTKVNLHSEI	323
301	SKTEDHEEAGPLPTKVNLHSEI	323

RESULT 21

1BU80388
[D ABU80388 standard; protein; 323 AA.

ABD80388;

24-JUN-2003 (first entry)

Human secreted/transmembrane protein PRO195.

Human; secreted protein; transmembrane protein; PRO; malignancy; cancer; ovarian cancer; colorectal cancer; sarcoma; leukaemia; lymphoma; inflammatory disease; necrosis; atherosclerosis; infertility; premature aging; psoriasis; inflammatory disease; renal disease; arthritis; immune-mediated alopecia; stroke; encephalitis; hepatitis; multiple sclerosis; gene therapy.

CS Homo sapiens.

PN US2003004102-A1.

02-JAN-2003.

6

PP	15-OCT-2001;	2001US-00978189;
XX		
PR	17-OCT-1997;	97US-0062250P.
PR	03-NOV-1997;	97US-0064249P.
PR	13-NOV-1997;	97US-0065311P.
PR	21-NOV-1997;	97US-0066364P.
PR	10-MAR-1998;	98US-0077450P.
PR	11-MAR-1998;	98US-0077632P.
PR	11-MAR-1998;	98US-0077641P.
PR	11-MAR-1998;	98US-0077649P.
PR	12-MAR-1998;	98US-0077791P.
PR	13-MAR-1998;	98US-0078004P.
PR	17-MAR-1998;	98US-00040220.
PR	20-MAR-1998;	98US-0078886P.
PR	20-MAR-1998;	98US-0078910P.
PR	20-MAR-1998;	98US-0078936P.
PR	20-MAR-1998;	98US-0078939P.
PR	25-MAR-1998;	98US-0079294P.
PR	26-MAR-1998;	98US-0079656P.
PR	27-MAR-1998;	98US-0079663P.
PR	27-MAR-1998;	98US-0079664P.
PR	27-MAR-1998;	98US-0079689P.
PR	27-MAR-1998;	98US-0079728P.
PR	27-MAR-1998;	98US-0079786P.
PR	30-MAR-1998;	98US-0079920P.
PR	30-MAR-1998;	98US-0079923P.
PR	26-JUN-1998;	98US-00105413.
PR	07-OCT-1998;	98US-00168978.
PR	07-OCT-1998;	98WO-US021141.
PR	02-NOV-1998;	98US-00184216.
PR	06-NOV-1998;	98US-00187368.
PR	20-NOV-1998;	98WO-US024855.
PR	07-DEC-1998;	98US-00202054.
PR	22-DEC-1998;	98US-00218517.
PR	05-JAN-1999;	99WO-US000106.
PR	05-MAR-1999;	99US-00234465.
PR	08-MAR-1999;	99WO-US005028.
PR	10-MAR-1999;	99US-00255686.
PR	10-MAR-1999;	99WO-US005190.
PR	12-MAR-1999;	99US-00267213.
PR	12-APR-1999;	99US-00284291.
PR	14-MAY-1999;	99US-00311832.
PR	14-MAY-1999;	99WO-US010733.
PR	02-JUN-1999;	99WO-US012252.
PR	25-AUG-1999;	99US-00380137.
PR	25-AUG-1999;	99US-00380138.
PR	25-AUG-1999;	99US-00380142.
PR	30-NOV-1999;	99WO-US028313.
PR	02-DEC-1999;	99WO-US028551.
PR	02-DEC-1999;	99WO-US028565.
PR	16-DEC-1999;	99WO-US030095.
PR	30-DEC-1999;	99WO-US031243.
PR	30-DEC-1999;	99WO-US031274.
PR	05-JAN-2000;	2000WO-US000219.
PR	06-JAN-2000;	2000WO-US000277.
PR	06-JAN-2000;	2000WO-US000376.
PR	11-FEB-2000;	2000WO-US003565.
PR	18-FEB-2000;	2000WO-US004341.
PR	24-FEB-2000;	2000WO-US005004.
PR	01-MAR-2000;	2000WO-US005601.
PR	02-MAR-2000;	2000WO-US005841.
PR	10-MAR-2000;	2000WO-US006319.
PR	21-MAR-2000;	2000WO-US007532.
PR	30-MAR-2000;	2000WO-US008439.
PR	17-MAY-2000;	2000WO-US013705.
PR	22-MAY-2000;	2000WO-US014042.
PR	30-MAY-2000;	2000WO-US014941.
PR	02-JUN-2000;	2000WO-US015264.
PR	28-JUL-2000;	2000WO-US020710.
PR	24-AUG-2000;	2000WO-US023328.
PR	08-NOV-2000;	2000US-00709238.
PR	10-NOV-2000;	2000WO-US003073.
PR	27-NOV-2000;	2000US-00723749.

PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA {GETH } GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2003-341189/32.
DR N-PSDB; ACA66284.
XX
XX New genes and secreted and transmembrane polypeptides (e.g. PRO337 or
PT PRO1559), useful for treating or diagnosing e.g. cancers,
PT atherosclerosis, infertility, stroke, encephalitis, hepatitis or multiple
PT sclerosis in mammals.
XX
XX Claim 12; Fig 132; 460pp; English.
XX
XX The invention relates to a new isolated nucleic acid molecule comprises a
CC sequence with at least 80% identity to: (a) a nucleotide encoding any of
CC 94 PRO polypeptides whose sequences are fully defined in the
CC specification; or (b) any of 94 nucleotide sequences fully defined in the
CC specification; or the full length coding sequence of any these 94
CC nucleotide sequences. Also included are an isolated PRO polypeptide
CC scoring at least 80% positives when compared to any of the PRO
CC polypeptide sequences cited above (or an isolated PRO polypeptide having
CC at least 80% amino acid sequence identity to: (a) an amino acid sequence
CC encoded by the nucleotide deposited with ATCC numbers listed in the
CC specification; (b) the PRO polypeptide, lacking its associated signal
CC peptide; or (c) an extracellular domain of the PRO polypeptide, with or
CC lacking its associated signal peptide), a vector comprising the nucleic
CC acid molecule, a host cell comprising the vector (and producing a PRO
CC polypeptide), a chimeric molecule comprising the PRO polypeptide fused
CC to a heterologous amino acid sequence and an anti-PRO antibody. The PRO
CC polypeptides or polynucleotides are useful as pharmaceuticals,
CC diagnostics, biosensors or bioreactors. These are particularly useful for
CC detecting or treating e.g. malignancies or cancers (e.g. ovarian cancer,
CC colorectal cancer, sarcoma, leukaemia or lymphoma), inflammatory disease,
CC necrosis, atherosclerosis, infertility, premature aging, psoriasis,
CC inflammatory disease, renal disease, arthritis, immune-mediated alopecia,
CC stroke, encephalitis, hepatitis, or multiple sclerosis in mammals. The
CC PRO polypeptides are useful in drug screening, particularly as targets
CC for therapeutic intervention in these diseases, and in the diagnostic
CC determination of the presence of these diseases. The PRO polypeptides are
CC also useful as molecular weight markers, or for chromosome
CC identification. The PRO genes are useful as hybridisation probes, or for
CC screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may
CC also be used in gene therapy, particularly for replacing a defective
CC gene. The present sequence represents a PRO polypeptide
XX
SQ Sequence 323 AA;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db |||||
Qy 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRTKLECESECTEAYSQSDQYACHLGCQNG 120
Db |||||
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFVLQADDGKIVIF 180
Db |||||
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLVQRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db |||||
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300
Db |||||
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 22
ID ABU66981 standard; protein; 323 AA.
XX
AC ABU66981;
XX
DT 27-MAY-2003 (first entry)
XX
DE Human secreted/transmembrane, PRO, protein SEQ ID 272.
XX
KW Human; secreted protein; transmembrane protein; PRO;
KW inflammatory disease; organ failure; atherosclerosis; cardiac injury;
KW infertility; birth defects; premature aging; AIDS; biosensor;
KW acquired immunodeficiency syndrome; cancer; diabetic complication;
KW bioreactor; tumour.
XX
OS Homo sapiens.
XX
PN US2003032155-A1.
XX
PD 13-FEB-2003.
XX
PF 03-MAY-2002; 2002US-00137865.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.


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PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001US-00866034.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.

PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH ) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-331925/31.
DR N-PSDB; ACA04159.
XX
PT New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
PS Claim 12; Fig 272; 659pp; English.
XX
CC The invention relates to an isolated nucleic acid comprising, or which is
CC at least 80% identical to, or the full-length coding sequence of, any of
CC the 275 nucleotide sequences, encoding the corresponding PRO polypeptide
CC (one of 275 secreted or transmembrane proteins). The nucleic acid further
CC comprises the full-length coding sequence of the DNA deposited under
CC American Type Culture Collection (ATCC) accession number in a list given
CC in the specification. Also included are vectors and host cells for
CC producing PRO proteins, PRO fusion proteins, anti-PRO antibodies, PRO
CC extracellular domains and mature sequences, methods of detecting PRO
CC proteins, methods for stimulating the release of TNF-alpha (tumour
CC necrosis factor alpha) from human blood, (and the proliferation of, or gene
CC differentiation of chondrocyte cells, the proliferation of, or gene
CC expression in pericyte cells, the release or proteoglycans from
CC cartilage, proliferation of inner ear utricular supporting cells, the
CC proliferation of T-lymphocyte cells, the release of a cytokine from
CC peripheral blood mononuclear cells (PBMC), or the proliferation of
CC endothelial cells), a method for modulating the uptake of glucose or free
CC fatty acid (FFA) by skeletal muscle cells, a method for inhibiting the
CC binding of A-peptide to factor VIIA, or the differentiation of adipocyte
CC cells, a method for detecting the presence of a tumour in a mammal and an
CC oligonucleotide probe derived from any of the nucleotide sequences cited
CC above. The nucleic acids and polypeptides are useful for treating
CC inflammatory diseases, organ failure, atherosclerosis, cardiac injury,
CC infertility, birth defects, premature aging, AIDS (acquired
CC immunodeficiency syndrome), cancer, or diabetic complications. The
CC nucleic acids are useful as hybridisation probes, in chromosome and gene
CC mapping, and in generating antisense RNA or DNA. The polypeptides are
CC useful as pharmaceuticals, diagnostics, biosensors or bioreactors. Both
CC are useful in tissue typing. The present sequence represents a PRO
CC protein of the invention
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSGLWVRIQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSGLWVRIQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKHEELYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 09-JUL-2001; 2001WO-US021735.
```

Db 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLMQNRNSQAHNRNLEFGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSILVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSILVVVR 300
QY 301 SKTEDHEZAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEZAGPLPTKVNLAHSEI 323

RESULT 23
ADA45791
ID ADA45791 standard; protein; 323 AA.
XX
AC ADA45791;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

XX US2003022328-A1.

XX 30-JAN-2003.

XX 16-APR-2002; 2002US-00123904.

XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.

PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-584997/55.
N-PSDB; ADA45790.

PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-687639/65.
DR N-PSDB; ADA76221.

XX New isolated nucleic acid encoding a secreted and transmembrane
PT polypeptide, designated e.g. PRO1114 or PRO4978, useful in chromosome and
PT gene mapping, in generating antisense RNA and DNA, and in gene therapy.

XX Claim 12; Fig 272; 659pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db |||||||
QY 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
Db |||||||
QY 121 LPFAELRQEQQLMSLMPKXHLPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db |||||||
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db |||||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLFFMNEOKLNRYPASSLVVVR 300
Db |||||||
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db |||||||

RESULT 25
ADA18872

ID ADA18872 standard; protein; 323 AA.

XX AC ADA18872;

XX DT 20-NOV-2003 (first entry)

XX DE Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell; lung;
KW colon; breast; prostate; rectum; cervix; liver; tumour; cancer;
KW glucose uptake; FFA; adipocyte cell; pericyte cell; proteoglycan;
KW cartilage; inner ear utricular supporting cell; cytokine; A-peptide;

CC inhibiting the differentiation of adipocyte cells and for stimulating the
CC proliferation of endothelial cells. This sequence represents a human PRO
CC polypeptide of the invention. Note: The sequence data for this patent is
CC also available in electronic format from USPTO at
CC seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVTRTQLGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQOLTYPLRT 60
DQ 1 MAAPKGSIMVTRTQLGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQOLTYPLRT 60
QY 61 YPKKEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120
DQ 61 YPKKEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
DQ 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
DQ 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DQ 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DQ 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 26

ADA61495
ID ADA61495 standard; protein; 323 AA.

XX AC ADA61495;

XX DT 20-NOV-2003 (first entry)

XX DE Homo sapiens.

XX KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; PFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.

XX OS Novel.

OS OS human.

OS OS secreted.

OS OS and.

OS OS transmembrane.

OS OS protein.

OS PRO195.

XX US2003049816-A1.

XX 13-MAR-2003.

XX 15-APR-2002; 2002US-00123262.

XX 31-MAR-1997; 97WO-US005230.

XX 12-JUN-1998; 98WO-US012456.

XX 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.

PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001US-00866034.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001US-00872035.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-00886342.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001US-00887879.
PR 29-JUN-2001; 2001US-00902116.
PR 09-JUL-2001; 2001US-00902116.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
PR (GETH) GENENTECH INC.
PR Baker KP, Beresini M, Deforge L, Deanoyers L, Filvaroff B, Gao W;
PR Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PR Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
PR WPI; 2003-695892/66.
PR N-PSDB; ADA61494.
PR New PRO nucleic acid and encode polypeptides, are useful for
PR manufacturing a medicament for diagnosing or treating cancer.
PR Claim 12; Fig 272; 660pp; English.
PR The invention describes 305 nucleic acids encoding PRO (secreted and
PR transmembrane) polypeptides (I). (I) is useful for stimulating the
PR release of TNF-alpha from human blood, for modulating the uptake of
PR glucose or FFA by skeletal muscle cells or adipocyte cells, for
PR stimulating the proliferation or differentiation of chondrocyte cells,
PR for stimulating the proliferation of or gene expression in pericyte
PR cells, for stimulating the release of proteoglycans from cartilage, for
PR stimulating the proliferation of inner ear utricular supporting cells,
PR for stimulating the proliferation of T-lymphocyte cells, for stimulating
PR the release of a cytokine from PBMC cells, for inhibiting the binding of
PR A-peptide to factor VRII, for inhibiting the differentiation of adipocyte
PR cells, for stimulating proliferation of endothelial cells, for detecting
PR the presence of tumour in a mammal. The tumour is lung, colon, breast,
PR prostate, rectal, cervical or liver tumour. The oligonucleotide probes
PR are useful for isolating genomic and cDNA nucleotide sequences or
PR antisense probes. (I) is also useful as therapeutic agent. PRO is useful
PR in assays to identify other proteins or molecules involved in binding
PR interaction. A polynucleotide (II) encoding (I) is useful in chromosome
PR and gene mapping, in generation of antisense RNA and DNA, in the
PR preparation of PRO polypeptide, for generating transgenic animals or
PR knockout animals which in turn are useful in the development and
PR screening of therapeutically useful reagents, in gene therapy, for
PR chromosome identification, as chromosome marker, and for generating
PR probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
PR detecting its expression in specific cells, tissues or serum, and for
PR affinity purification of PRO from recombinant cell culture or natural
PR sources. (I) and (II) are useful for tissue typing. This is the amino
PR acid sequence of a novel human secreted and transmembrane PRO
PR polypeptide.
PR Sequence 323 AA;
PR Query Match 100.0%; Score 1694; DB 6; Length 323;
PR Best Local Similarity 100.0%; Pred. No. 5.5e-167;
PR Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSFWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSFWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHLGCONQ 120
DB 61 YPKEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180
DB 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLHPMNEOKLNRYPASSIVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLHPMNEOKLNRYPASSIVVVR 300
QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKYNLAHSEI 323
RESULT 27
ADB19280
ID ADB19280 standard; protein; 323 AA.
XX
AC ADB19280;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine releas.
XX Homo sapiens.
OS
XX US2003068796-A1.
XX 10-APR-2003.
XX 15-APR-2002; 2002US-00123261.
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.

PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00809689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.

PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-695927/66.
DR N-PSDB; ADB19279.
XX
PT Novel secreted and transmembrane PRO polypeptides useful for stimulating
PT the release of tumor necrosis factor alpha and detecting the presence of
PT a tumor in a mammal.
XX
PS Claim 12; Fig 272; 660pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyt
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRBSSLSKMSYLQMRNSQAHNPFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRBSSLSKMSYLQMRNSQAHNPFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 28
ADB27821
ID ADB27821 standard; protein; 323 AA.
XX
AC ADB27821;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
W immune system cell infiltration.
X
X Homo sapiens.
X US2003082704-A1.
X
X 01-MAY-2003.
X
X 24-APR-2002; 2002US-00131819.
X
X 09-DEC-1999; 99US-0170262P.
X 01-DEC-2000; 2000WO-US032678.
X 19-DEC-2001; 2001US-00028072.
X
X (GETH) GENENTECH INC.
X
X Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
X
X WPI; 2003-765415/72.
X N-PSDB; ADB27820.
X
X New PRO nucleic acid, useful for preparing a composition for treating
T e.g., tumor or for tissue typing.
T
X
X Claim 12; Fig 272; 637pp; English.
X
X The invention relates to isolated human PRO polypeptides (secreted and
C transmembrane polypeptides) and the polynucleotides encoding them. The
C invention also relates to an antibody which specifically binds to a PRO
C polypeptide, a method for stimulating the release of tumour necrosis
C factor-alpha (TNF-alpha) from human blood, a method for stimulating the
C proliferation or differentiation of chondrocyte cells and a method for
C detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
C colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
C polynucleotides are useful in molecular biology, including uses as
C hybridisation probes, in chromosome and gene mapping, in generating
C antisense RNA and DNA and in gene therapy. The polynucleotides may also
C be used in preparing PRO polypeptides by recombinant techniques and in
C generating either transgenic animals or knock-out animals which are
C useful in the development and screening of therapeutically useful
C reagents. The PRO polypeptides or antibodies are used in preparing a
C medicament for treating a condition responsive to the polypeptides or
C antibodies, such as tumours, for stimulating and inhibiting proliferation
C of human microvascular endothelial cells, for modulating the uptake of
C glucose or FFA by skeletal muscle cells or adipocyte cells, for
C stimulating differentiation of adipocyte cells, for stimulating
C proliferation of or gene expression in pericyte cells, for stimulating
C the proliferation of inner ear utricular supporting cells or T-lymphocyte
C cells, for inducing endothelial cell tube formation and for treating
C various bone and/or cartilage disorders such as sports injuries and
C arthritis. PRO polypeptides which stimulate the release of proteoglycans
C from cartilage are useful for treating sports-related joint problems,
C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
C polypeptides are also useful for treating various mammalian haemoglobin-
C associated disorders such as various thalassaemias and conditions which
C may benefit from enhanced local immune system cell infiltration. This
C sequence represents a human PRO polypeptide of the invention. Note: The
C sequence data for this patent is also available in electronic format from
C the USPTO website at seqdata.uspto.gov.
X
X Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSLSVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db |||||||
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db |||||||
QY 121 LPFABLROBQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db |||||||
QY 121 LPFABLROBQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db |||||||
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCISLSNGW 240
Db |||||||
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCISLSNGW 240
Db |||||||
QY 241 ILTTVLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db |||||||
QY 241 ILTTVLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db |||||||
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db |||||||
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db |||||||

RESULT 29
ADA86300
ID ADA86300 standard; protein; 323 AA.
XX
AC ADA86300;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS
PN US2003082711-A1.
XX
PD 01-MAY-2003.
XX
PF 16-MAY-2002; 2002US-00147508.
XX
PR 02-JUL-1998; 98US-0091519P.
PR 02-JUN-1999; 99WO-US012252.
PR 07-JUL-1999; 99US-0143048P.
PR 25-AUG-1999; 99US-00380137.
PR 30-MAR-2000; 2000WO-US008439.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-786914/74.
DR N-PSDB; ADA86299.
XX
PT New PRO nucleic acid, useful for preparing a composition for treating
PT e.g., tumor or for tissue typing.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (i) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (ii) encoding (i) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(i)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (i) and (ii) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
XX polypeptide.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLGPPPLLLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWVRLGPPPLLLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTRAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTRAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSDMDSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNSQAHNRFLEDDGESDGLRCLSLNSGM 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNSQAHNRFLEDDGESDGLRCLSLNSGM 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 30
ADB15864

ID ADB15864 standard; protein; 323 AA.

XX ADB15864;

AC 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

DE Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.

PN US2003087350-A1.

XX 08-MAY-2003.

XX 22-APR-2002; 2002US-00127821.

XX 04-AUG-1998; 98US-0095301P.

XX 02-JUN-1999; 99WO-US012252.

XX 25-AUG-1999; 99US-00380137.

XX 30-MAR-2000; 2000WO-US008439.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-786941/74.

XX N-PSDB; ADB15863.

XX New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,
XX and for manufacturing a medicament for diagnosing or treating tumor.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems, PRO
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassaemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches		323;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
NY	1	MAAPKGS	LWVRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACQLTYPLHT	60						
Y										
b	1	MAAPKGS	LWVRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACQLTYPLHT	60						
Y	61	YPKEEEL	YACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ	120						
b	61	YPKEEEL	YACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ	120						
Y	121	LPFAELR	QEQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF	180						
b	121	LPFAELR	QEQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF	180						
Y	181	QSKPEIQ	YAPHLEQEPNTLRESSLSKMSYLOVRNSQAHNFLEDGESDGFRLCLSLNSGW	240						
b	181	QSKPEIQ	YAPHLEQEPNTLRESSLSKMSYLOVRNSQAHNFLEDGESDGFRLCLSLNSGW	240						
Y	241	ILTTTLV	LSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300						
b	241	ILTTTLV	LSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300						
Y	301	SKTEDHE	EAGPLPTKVNLAHSEI	323						
b	301	SKTEDHE	EAGPLPTKVNLAHSEI	323						
RESULT 31										
ADA47650										
ADA47650 standard; protein; 323 AA.										
ADA47650;										
20-NOV-2003 (first entry)										
Human PRO polypeptide #136.										
Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.										
Homo sapiens.										
US2003073215-A1.										
17-APR-2003.										
07-MAY-2002; 2002US-00140925.										
PR	31-MAR-1997;	97WO-US005230.								
PR	12-JUN-1998;	98WO-US012456.								
PR	14-JUL-1998;	98WO-US014552.								
PR	28-AUG-1998;	98WO-US017888.								
PR	10-SEP-1998;	98WO-US018824.								
PR	14-SEP-1998;	98WO-US019093.								
PR	14-SEP-1998;	98WO-US019177.								
PR	16-SEP-1998;	98WO-US019330.								
PR	17-SEP-1998;	98WO-US019437.								
PR	07-OCT-1998;	98WO-US021141.								
PR	29-OCT-1998;	98WO-US022991.								
PR	29-OCT-1998;	98WO-US022992.								
PR	20-NOV-1998;	98WO-US024855.								
PR	01-DEC-1998;	98WO-US025108.								
PR	05-JAN-1999;	99WO-US000106.								
PR	08-MAR-1999;	99WO-US005028.								

PR	10-MAR-1999;	99WO-US005190.	PR	10-MAR-1999;	99WO-US005190.
PR	20-APR-1999;	99WO-US008615.	PR	20-APR-1999;	99WO-US008615.
PR	14-MAY-1999;	99WO-US010733.	PR	14-MAY-1999;	99WO-US010733.
PR	02-JUN-1999;	99WO-US012252.	PR	02-JUN-1999;	99WO-US012252.
PR	01-SEP-1999;	99WO-US020111.	PR	01-SEP-1999;	99WO-US020111.
PR	08-SEP-1999;	99WO-US020594.	PR	08-SEP-1999;	99WO-US020594.
PR	13-SEP-1999;	99WO-US020944.	PR	13-SEP-1999;	99WO-US020944.
PR	15-SEP-1999;	99WO-US021090.	PR	15-SEP-1999;	99WO-US021090.
PR	15-SEP-1999;	99WO-US021547.	PR	15-SEP-1999;	99WO-US021547.
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PR	30-NOV-1999;	99WO-US028409.	PR	30-NOV-1999;	99WO-US028409.
PR	01-DEC-1999;	99WO-US028301.	PR	01-DEC-1999;	99WO-US028301.
PR	01-DEC-1999;	99WO-US028634.	PR	01-DEC-1999;	99WO-US028634.
PR	02-DEC-1999;	99WO-US028551.	PR	02-DEC-1999;	99WO-US028551.
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PR	20-DEC-1999;	99WO-US030999.	PR	20-DEC-1999;	99WO-US030999.
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PR	30-DEC-1999;	99WO-US031243.	PR	30-DEC-1999;	99WO-US031243.
PR	30-DEC-1999;	99WO-US031274.	PR	30-DEC-1999;	99WO-US031274.
PR	05-JAN-2000;	2000WO-US000219.	PR	05-JAN-2000;	2000WO-US000219.
PR	06-JAN-2000;	2000WO-US000277.	PR	06-JAN-2000;	2000WO-US000277.
PR	06-JAN-2000;	2000WO-US000376.	PR	06-JAN-2000;	2000WO-US000376.
PR	11-FEB-2000;	2000WO-US003565.	PR	11-FEB-2000;	2000WO-US003565.
PR	18-FEB-2000;	2000WO-US004341.	PR	18-FEB-2000;	2000WO-US004341.
PR	18-FEB-2000;	2000WO-US004342.	PR	18-FEB-2000;	2000WO-US004342.
PR	22-FEB-2000;	2000WO-US004414.	PR	22-FEB-2000;	2000WO-US004414.
PR	24-FEB-2000;	2000WO-US004914.	PR	24-FEB-2000;	2000WO-US004914.
PR	24-FEB-2000;	2000WO-US005004.	PR	24-FEB-2000;	2000WO-US005004.
PR	01-MAR-2000;	2000WO-US005601.	PR	01-MAR-2000;	2000WO-US005601.
PR	02-MAR-2000;	2000WO-US005746.	PR	02-MAR-2000;	2000WO-US005746.
PR	02-MAR-2000;	2000WO-US005841.	PR	02-MAR-2000;	2000WO-US005841.
PR	10-MAR-2000;	2000WO-US006319.	PR	10-MAR-2000;	2000WO-US006319.
PR	15-MAR-2000;	2000WO-US006884.	PR	15-MAR-2000;	2000WO-US006884.
PR	20-MAR-2000;	2000WO-US007377.	PR	20-MAR-2000;	2000WO-US007377.
PR	21-MAR-2000;	2000WO-US007532.	PR	21-MAR-2000;	2000WO-US007532.
PR	30-MAR-2000;	2000WO-US008439.	PR	30-MAR-2000;	2000WO-US008439.
PR	17-MAY-2000;	2000WO-US013705.	PR	17-MAY-2000;	2000WO-US013705.
PR	22-MAY-2000;	2000WO-US014042.	PR	22-MAY-2000;	2000WO-US014042.
PR	30-MAY-2000;	2000WO-US014941.	PR	30-MAY-2000;	2000WO-US014941.
PR	02-JUN-2000;	2000WO-US015264.	PR	02-JUN-2000;	2000WO-US015264.
PR	28-JUL-2000;	2000WO-US020710.	PR	28-JUL-2000;	2000WO-US020710.
PR	11-AUG-2000;	2000WO-US022031.	PR	11-AUG-2000;	2000WO-US022031.
PR	23-AUG-2000;	2000WO-US023522.	PR	23-AUG-2000;	2000WO-US023522.
PR	08-NOV-2000;	2000WO-US030952.	PR	08-NOV-2000;	2000WO-US030952.
PR	10-NOV-2000;	2000WO-US030873.	PR	10-NOV-2000;	2000WO-US030873.
PR	01-DEC-2000;	2000WO-US032678.	PR	01-DEC-2000;	2000WO-US032678.
PR	20-DEC-2000;	2000US-00747259.	PR	20-DEC-2000;	2000US-00747259.
PR	20-DEC-2000;	2000WO-US034956.	PR	20-DEC-2000;	2000WO-US034956.
PR	28-FEB-2001;	2001US-00796498.	PR	28-FEB-2001;	2001US-00796498.
PR	28-FEB-2001;	2001WO-US006520.	PR	28-FEB-2001;	2001WO-US006520.
PR	01-MAR-2001;	2001WO-US006666.	PR	01-MAR-2001;	2001WO-US006666.
PR	09-MAR-2001;	2001US-00802706.	PR	09-MAR-2001;	2001US-00802706.
PR	14-MAR-2001;	2001US-00808689.	PR	14-MAR-2001;	2001US-00808689.
PR	22-MAR-2001;	2001US-00816744.	PR	22-MAR-2001;	2001US-00816744.
PR	05-APR-2001;	2001US-00828366.	PR	05-APR-2001;	2001US-00828366.
PR	10-MAY-2001;	2001US-00854208.	PR	10-MAY-2001;	2001US-00854208.
PR	10-MAY-2001;	2001US-00854280.	PR	10-MAY-2001;	2001US-00854280.
PR	18-MAY-2001;	2001US-00860216.	PR	18-MAY-2001;	2001US-00860216.
PR	25-MAY-2001;	2001US-00866028.	PR	25-MAY-2001;	2001US-00866028.
PR	25-MAY-2001;	2001US-00866034.	PR	25-MAY-2001;	2001US-00866034.
PR	25-MAY-2001;	2001WO-US017092.	PR	25-MAY-2001;	2001WO-US017092.
PR	01-JUN-2001;	2001US-00872035.	PR	01-JUN-2001;	2001US-00872035.
PR	05-JUN-2001;	2001US-00874503.	PR	05-JUN-2001;	2001US-00874503.
PR	14-JUN-2001;	2001US-00882636.	PR	14-JUN-2001;	2001US-00882636.
PR	19-JUN-2001;	2001US-00886342.	PR	19-JUN-2001;	2001US-00886342.
PR	20-JUN-2001;	2001WO-US019692.	PR	20-JUN-2001;	2001WO-US019692.

PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Bersini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-644801/61.
DR N-PSDB; ADA47649.
XX
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful
PT in gene therapy, detecting the presence of tumor in a mammal, or
PT modulating the uptake of glucose or free fatty acid by skeletal muscle
PT cells or adipocyte cells.
XX
PS Claim 12; Fig 272; 659pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumor in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumors). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120

QY 121 LPFAELRQEQSLMPLKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQSLMPLKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPPTNLRESSLSKMSYIQWRNSQAHNRFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPPTNLRESSLSKMSYIQWRNSQAHNRFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 32
ADA67445
ID ADA67445 standard; protein; 323 AA.
XX
AC ADA67445;
XX
DT 20-NOV-2003 (first entry)
XX Human PRO polypeptide #136.
DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS US2003068795-A1.
XX
PN 10-APR-2003.
XX
PD 15-APR-2002; 2002US-00123236.
PF 31-MAR-1997; 97WO-US005230.
XX 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.

PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
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PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-695926/66.
XX N-PSDB; ADA67444.
XX Novel isolated PRO secreted and transmembrane polypeptides useful for
XX stimulating the release of tumor necrosis factor-alpha from human blood
XX and detecting the presence of a tumor in a mammal.
XX Claim 12; Fig 272; 660pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX proliferation of or gene expression in pericyte cells or T-lymphocyte
XX cells, the proliferation of inner ear utricular supporting cells and for treating
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems, PRO
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassaemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.
XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGPTASCHRAQLTYPLHT 60
Db 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGPTASCHRAQLTYPLHT 60
Qy 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECEASCTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECEASCTEAYSQSDEQYACHLGCQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRNLFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRNLFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFFNEQKLNRYPASSLVVVR 300

Tue Jun 15 08:35:57 2004

us-09-978-299a-330.rag

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Db      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
Zy      301 SKTEDHHRAGPLPTKVNLAHSEI 323
Db      301 SKTEDHHRAGPLPTKVNLAHSEI 323

RESULT 33
ADB30452
ID  ADB30452 standard; protein; 323 AA.
AC  ADB30452;
XX
DT  20-NOV-2003 (first entry)
DE  Human PRO polypeptide #136.
XX
KW  Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW  tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW  cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW  liver; microvascular endothelial cell; glucose; FFA;
KW  skeletal muscle cell; adipocyte cell; pericyte cell;
KW  inner ear utricular supporting cell; T-lymphocyte cell;
KW  endothelial cell tube formation; bone disorder; cartilage disorder;
KW  sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW  rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW  immune system cell infiltration.
XX
OS  Homo sapiens.
XX
PN  US2003068794-A1.
XX
PD  10-APR-2003.
XX
PF  15-APR-2002; 2002US-00123155.
XX
PR  31-MAR-1997; 97WO-US005230.
PR  12-JUN-1998; 98WO-US012456.
PR  14-JUL-1998; 98WO-US014552.
PR  28-AUG-1998; 98WO-US017888.
PR  10-SEP-1998; 98WO-US018824.
PR  14-SEP-1998; 98WO-US019093.
PR  14-SEP-1998; 98WO-US019094.
PR  14-SEP-1998; 98WO-US019177.
PR  16-SEP-1998; 98WO-US019330.
PR  17-SEP-1998; 98WO-US019437.
PR  07-OCT-1998; 98WO-US021141.
PR  29-OCT-1998; 98WO-US022991.
PR  29-OCT-1998; 98WO-US022992.
PR  20-NOV-1998; 98WO-US024855.
PR  01-DEC-1998; 98WO-US025108.
PR  05-JAN-1999; 99WO-US000106.
PR  08-MAR-1999; 99WO-US005028.
PR  10-MAR-1999; 99WO-US005190.
PR  20-APR-1999; 99WO-US008615.
PR  14-MAY-1999; 99WO-US010733.
PR  02-JUN-1999; 99WO-US012252.
PR  01-SEP-1999; 99WO-US020111.
PR  08-SEP-1999; 99WO-US020594.
PR  13-SEP-1999; 99WO-US020944.
PR  15-SEP-1999; 99WO-US021090.
PR  15-SEP-1999; 99WO-US021547.
PR  05-OCT-1999; 99WO-US023089.
PR  29-NOV-1999; 99WO-US028214.
PR  30-NOV-1999; 99WO-US028313.
PR  30-NOV-1999; 99WO-US028409.
PR  01-DEC-1999; 99WO-US028301.
PR  01-DEC-1999; 99WO-US028634.
PR  02-DEC-1999; 99WO-US028551.
PR  02-DEC-1999; 99WO-US028564.
PR  02-DEC-1999; 99WO-US028565.
PR  16-DEC-1999; 99WO-US030095.

20-DEC-1999; 99WO-US030911.
20-DEC-1999; 99WO-US030999.
22-DEC-1999; 99WO-US030720.
30-DEC-1999; 99WO-US031243.
30-DEC-1999; 99WO-US031274.
05-JAN-2000; 2000WO-US000219.
06-JAN-2000; 2000WO-US000277.
06-JAN-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US003565.
18-FEB-2000; 2000WO-US004341.
22-FEB-2000; 2000WO-US004414.
24-FEB-2000; 2000WO-US004914.
24-FEB-2000; 2000WO-US005004.
01-MAR-2000; 2000WO-US005601.
02-MAR-2000; 2000WO-US005746.
02-MAR-2000; 2000WO-US005841.
10-MAR-2000; 2000WO-US006319.
15-MAR-2000; 2000WO-US006884.
20-MAR-2000; 2000WO-US007377.
21-MAR-2000; 2000WO-US007532.
30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
30-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US015264.
28-JUL-2000; 2000WO-US020710.
11-AUG-2000; 2000WO-US022031.
23-AUG-2000; 2000WO-US023522.
24-AUG-2000; 2000WO-US023328.
08-NOV-2000; 2000WO-US030952.
10-NOV-2000; 2000WO-US030873.
01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2000US-00747259.
20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001US-00796498.
28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006666.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00808689.
22-MAR-2001; 2001US-00816744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854280.
18-MAY-2001; 2001US-00860216.
25-MAY-2001; 2001US-00865028.
25-MAY-2001; 2001US-00866034.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US021066.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.
XX
PA  (GETH ) GENENTECH INC.
XX
PI  Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI  Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI  Smith V, Stewart TA, Tumas D, Watanabe CX, Wood WI, Zhang Z;
XX
DR  WPI; 2003-708391/67.
DR  N-PSDB; ADB30451.
XX
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New isolated PRO polypeptides e.g. PRO1801 and PRO1114, useful in the preparation of a medicament for treating a condition responsive to PRO polypeptide, and as therapeutic agents e.g. vaccines.

Claim 12; Fig 272; 660pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

Sequence 323 AA;

Query Match	100.0%;	Score 1694;	DB 6;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
2y	1	MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60	
2b	1	MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60	
2y	61	YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ	120	
2b	61	YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ	120	
2y	121	LPFAELRQELMSLMPROMHLLFPLTLVRSFWSNMDSAQSPITSSWTFYLOADDGKIVIF	180	
2b	121	LPFAELRQELMSLMPROMHLLFPLTLVRSFWSNMDSAQSPITSSWTFYLOADDGKIVIF	180	
2y	181	QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW	240	
2b	181	QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW	240	
2y	241	ILTTTLVLSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR	300	
2b	241	ILTTTLVLSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR	300	
2y	301	SKTEDEEAGPLPTKVNLAHSEI	323	
2b	301	SKTEDEEAGPLPTKVNLAHSEI	323	

ADA85748 standard; protein; 323 AA.
ADA85748;
20-NOV-2003 (first entry)
Novel human secreted and transmembrane protein PRO195.
Human; secreted and transmembrane protein; PRO;
Tumour necrosis factor alpha release; TNF-alpha release;
glucose uptake modulator; FFA uptake modulator;
cell proliferation stimulator; cell differentiation stimulator;
cell differentiation inhibitor; cytokine release stimulator;
lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
cervical tumour; liver tumour; chromosome mapping; gene mapping;
gene therapy; chromosome identification; chromosome marker.
Homo sapiens.
US2003082693-A1.
01-MAY-2003.
22-APR-2002; 2002US-00127843.
05-JUN-2000; 2000US-0209832P.
01-DEC-2000; 2000WO-US032678.
19-DEC-2001; 2001US-00028072.
(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W, Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S, Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-786907/74.
N-PSDB; ADA85747.
New PRO nucleic acid, useful for preparing a composition for treating e.g., tumor or for tissue typing.
Claim 12; Fig 272; 637pp; English.
The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQTYPLHT 60
DB 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQTYPLHT 60

QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
DB 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 35
ADA96960
ID ADA96960 standard; protein; 323 AA.
AC ADA96960;
XX 20-NOV-2003 (first entry)
DT Human PRO polypeptide #136.
DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS US2003082705-A1.
XX 01-MAY-2003.
XX 24-APR-2002; 2002US-00131829.
XX 09-DEC-1999; 99US-0170262P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-755112/71.
DR N-PSDB; ADA96959.
XX

PT New PRO nucleic acid, useful for preparing a composition for treating
PT e.g., tumor or for tissue typing.
XX Claim 12; Fig 272; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQTYPLHT 60
DB 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQTYPLHT 60

QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
DB 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 36
ADA79264
ID ADA79264 standard; protein; 323 AA.

ADA79264;
20-NOV-2003 (first entry)
Human PRO polypeptide #136.
Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
Homo sapiens.
US2003082763-A1.
01-MAY-2003.
17-APR-2002; 2002US-00124818.
31-MAR-1997; 97WO-US005230.
12-JUN-1998; 98WO-US012456.
14-JUL-1998; 98WO-US014552.
28-AUG-1998; 98WO-US017888.
10-SEP-1998; 98WO-US018824.
14-SEP-1998; 98WO-US019093.
14-SEP-1998; 98WO-US019094.
14-SEP-1998; 98WO-US019177.
16-SEP-1998; 98WO-US019330.
17-SEP-1998; 98WO-US019437.
07-OCT-1998; 98WO-US021141.
29-OCT-1998; 98WO-US022991.
29-OCT-1998; 98WO-US022992.
20-NOV-1998; 98WO-US024855.
01-DEC-1998; 98WO-US025108.
05-JAN-1999; 99WO-US000106.
08-MAR-1999; 99WO-US005028.
10-MAR-1999; 99WO-US005190.
20-APR-1999; 99WO-US008615.
14-MAY-1999; 99WO-US010733.
02-JUN-1999; 99WO-US012252.
01-SEP-1999; 99WO-US020111.
08-SEP-1999; 99WO-US020594.
13-SEP-1999; 99WO-US020944.
15-SEP-1999; 99WO-US021090.
15-SEP-1999; 99WO-US021547.
05-OCT-1999; 99WO-US023089.
29-NOV-1999; 99WO-US028214.
30-NOV-1999; 99WO-US028313.
30-NOV-1999; 99WO-US028409.
01-DEC-1999; 99WO-US028301.
01-DEC-1999; 99WO-US028634.
02-DEC-1999; 99WO-US028551.
02-DEC-1999; 99WO-US028564.
02-DEC-1999; 99WO-US028565.
16-DEC-1999; 99WO-US030095.
20-DEC-1999; 99WO-US030911.
20-DEC-1999; 99WO-US030999.
22-DEC-1999; 99WO-US030720.
30-DEC-1999; 99WO-US031243.
30-DEC-1999; 99WO-US031274.
05-JAN-2000; 2000WO-US000219.
06-JAN-2000; 2000WO-US000277.
06-JAN-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US003565.
18-FEB-2000; 2000WO-US004341.
18-FEB-2000; 2000WO-US004342.

22-FEB-2000; 2000WO-US004414.
24-FEB-2000; 2000WO-US004914.
24-FEB-2000; 2000WO-US005004.
01-MAR-2000; 2000WO-US005601.
02-MAR-2000; 2000WO-US005746.
02-MAR-2000; 2000WO-US005841.
10-MAR-2000; 2000WO-US006319.
15-MAR-2000; 2000WO-US006884.
20-MAR-2000; 2000WO-US007377.
21-MAR-2000; 2000WO-US007532.
30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
30-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US015264.
28-JUL-2000; 2000WO-US020710.
11-AUG-2000; 2000WO-US022031.
23-AUG-2000; 2000WO-US023522.
24-AUG-2000; 2000WO-US023328.
08-NOV-2000; 2000WO-US030952.
10-NOV-2000; 2000WO-US030873.
01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2000US-00747259.
20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001US-00796498.
28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006666.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00808689.
22-MAR-2001; 2001US-00816744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854280.
25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US020116.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-755116/71.
N-PSDB; ADA79263.

New secreted and transmembrane PRO polypeptides and nucleic acids, useful
in detection and treatment of cancer and in modulating the uptake of
glucose or free fatty acid by skeletal muscle cells or adipocyte cells.

Claim 12; Fig 272; 659pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;
SQ

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRVLTQLGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLWVRVLTQLGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGN 240
Db 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGN 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDEHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEEAGPLPTKVNLAHSEI 323

RESULT 37
ADA87403
ID ADA87403 standard; protein; 323 AA.
XX
AC ADA87403;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS
PN US2003087345-A1.
XX 08-MAY-2003.
PD
XX 16-APR-2002; 2002US-00123907.
PF
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030311.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.

PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
PR (GETH) GENENTECH INC.

BAKER KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-786937/74.
N-PSDB; ADA87402.

New PRO nucleic acid, useful for manufacturing a medicament for
diagnosing or treating tumor.

Claim 12; Fig 272; 638pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and
transmembrane) polypeptides (I). (I) is useful for stimulating the
release of TNF-alpha from human blood, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating the proliferation or differentiation of chondrocyte cells,
for stimulating the proliferation of or gene expression in pericyte
cells, for stimulating the release of proteoglycans from cartilage, for
stimulating the proliferation of inner ear utricular supporting cells,
for stimulating the proliferation of T-lymphocyte cells, for stimulating
the release of a cytokine from PBMC cells, for inhibiting the binding of
A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
cells, for stimulating proliferation of endothelial cells, for detecting
the presence of tumor in a mammal. The tumor is lung, colon, breast,
prostate, rectal, cervical or liver tumor. The oligonucleotide probes
are useful for isolating genomic and cDNA nucleotide sequences or
antisense probes. (I) is also useful as therapeutic agent. PRO is useful
in assays to identify other proteins or molecules involved in binding
interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTGLPPLLLLTALAGSGGTASARAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSILWVTRTGLPPLLLLTALAGSGGTASARAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGQCNQ 120
DB 61 YPKKEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGQCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFELTLVRSFWSDMMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFELTLVRSFWSDMMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 38

ID ADB16605
XX ADB16605 standard; protein; 323 AA.

AC ADB16605;

DT 20-NOV-2003 (first entry)

DE Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.

XX US2003087349-A1.

XX 08-MAY-2003.

PF 19-APR-2002; 2002US-00125928.

PR 19-JUN-1998; 98US-0089947P.

PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380137.
PR 02-MAR-2000; 2000WO-US005841.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-786940/74.
DR N-PSDB; ADB16604.
XX
PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,
PT and for manufacturing a medicament for diagnosing or treating tumor.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRTQLGLPPLLLITMALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLITMALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLGCCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLGCCNQ 120
Qy 121 LPFAELRQEQSLMPKMHLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQSLMPKMHLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLVSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFFWNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLVSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFFWNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 39
ADA91697
ID ADA91697 standard; protein; 323 AA.
XX
AC ADA91697;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS
XX
XX US2003082694-A1.
XX
XX 01-MAY-2003.
XX
XX 22-APR-2002; 2002US-00127845.
XX
XX 03-MAR-2000; 2000US-0187202P.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-786908/74.
DR N-PSDB; ADA91696.
XX
PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,
PT or a composition for treating e.g., tumor or for tissue typing.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (ii) encoding (i) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(i)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (i) and (ii) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
181 QSKPEIQVAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQVAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLMICCATVATVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
241 ILTTTLVLSVMVLLMICCATVATVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
301 SKTEDHEEAGLPKTNVLAHSEI 323
301 SKTEDHEEAGLPKTNVLAHSEI 323

RESULT 40
DB14760
D ADB14760 standard; protein; 323 AA.
C ADB14760;
X 20-NOV-2003 (first entry)
X Human PRO polypeptide #136.
X Human; PRO; secreted polypeptide; transmembrane polypeptide;
W tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
W cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
W liver; microvascular endothelial cell; glucose; FFA;
W skeletal muscle cell; adipocyte cell; pericyte cell;
W inner ear utricular supporting cell; T-lymphocyte cell;
W endothelial cell tube formation; bone disorder; cartilage disorder;
W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
W immune system cell infiltration.
X Homo sapiens.
S US2003087351-A1.
X 08-MAY-2003.
D 22-APR-2002; 2002US-00127822.
F

17-JUN-1998; 98US-0089532P.
02-JUN-1999; 99WO-US012252.
25-AUG-1999; 99US-00380137.
30-NOV-1999; 99WO-US028313.
01-DEC-2000; 2000WO-US032678.
19-DEC-2001; 2001US-00028072.
(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W, Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S, Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-786942/74.
N-PSDB; ADB14759.
New PRO nucleic acid, useful for manufacturing a medicament for diagnosing or treating tumor.
Claim 12; Fig 272; 637pp; English.
The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

Qy	181	QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDESGDFLRCLSLNSGW	240	PR	09-APR-1998;	98US-0081195P.
Db	181	QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDESGDFLRCLSLNSGW	240	PR	09-APR-1998;	98US-0081203P.
Qy	241	ILTTVLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR	300	PR	09-APR-1998;	98US-0081229P.
Db	241	ILTTVLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR	300	PR	15-APR-1998;	98US-0081817P.
Qy	301	SKTEDEHEAGPLPTKVNLAHSEI	323	PR	15-APR-1998;	98US-0081819P.
Db	301	SKTEDEHEAGPLPTKVNLAHSEI	323	PR	15-APR-1998;	98US-0081838P.
RESULT 41						98US-0081952P.
ID	ADA24869	ADA24869 standard; protein; 323 AA.		PR	15-APR-1998;	98US-0081955P.
XX	AC	ADA24869;		PR	21-APR-1998;	98US-0082568P.
XX	DT	20-NOV-2003 (first entry)		PR	21-APR-1998;	98US-0082569P.
XX	DE	Novel human secreted and transmembrane protein PRO195.		PR	22-APR-1998;	98US-0082700P.
XX	KW	Human; secreted and transmembrane protein; PRO; tissue typing;		PR	22-APR-1998;	98US-0082704P.
KW	KW	chromosome identification; vaccine; cancer; retinal disorder;		PR	22-APR-1998;	98US-0082797P.
KW	KW	sports-related joint disorder; osteoarthritis; rheumatoid arthritis;		PR	22-APR-1998;	98US-0082804P.
KW	KW	wound healing; obesity; diabetes; hearing loss;		PR	27-APR-1998;	98US-0083366P.
KW	KW	cardiac insufficiency disorder; kidney disorder; nervous system disorder;		PR	28-APR-1998;	98US-0083322P.
XX	KW	haemoglobin associated disorder.		PR	29-APR-1998;	98US-0083392P.
OS	XX	Homo sapiens.		PR	29-APR-1998;	98US-0083495P.
PN	XX	US2003050241-A1.		PR	29-APR-1998;	98US-0083496P.
PD	XX	13-MAR-2003.		PR	29-APR-1998;	98US-0083499P.
XX	XX	16-OCT-2001; 2001US-00978564.		PR	29-APR-1998;	98US-0083500P.
XX	PR	17-OCT-1997; 97US-0062250P.		PR	29-APR-1998;	98US-0083545P.
PR	PR	03-NOV-1997; 97US-0064249P.		PR	29-APR-1998;	98US-0083554P.
PR	PR	13-NOV-1997; 97US-0065311P.		PR	29-APR-1998;	98US-0083558P.
PR	PR	21-NOV-1997; 97US-0066364P.		PR	29-APR-1998;	98US-0083559P.
PR	PR	10-MAR-1998; 98US-0077450P.		PR	30-APR-1998;	98US-0083742P.
PR	PR	11-MAR-1998; 98US-0077632P.		PR	05-MAY-1998;	98US-0084366P.
PR	PR	11-MAR-1998; 98US-0077641P.		PR	06-MAY-1998;	98US-0084414P.
PR	PR	11-MAR-1998; 98US-0077649P.		PR	06-MAY-1998;	98US-0084441P.
PR	PR	12-MAR-1998; 98US-0077791P.		PR	07-MAY-1998;	98US-0084598P.
PR	PR	13-MAR-1998; 98US-0078004P.		PR	07-MAY-1998;	98US-0084600P.
PR	PR	20-MAR-1998; 98US-0078886P.		PR	07-MAY-1998;	98US-0084627P.
PR	PR	20-MAR-1998; 98US-0078910P.		PR	07-MAY-1998;	98US-0084637P.
PR	PR	20-MAR-1998; 98US-0078936P.		PR	07-MAY-1998;	98US-0084639P.
PR	PR	20-MAR-1998; 98US-0078939P.		PR	07-MAY-1998;	98US-0084640P.
PR	PR	25-MAR-1998; 98US-0079294P.		PR	07-MAY-1998;	98US-0084643P.
PR	PR	26-MAR-1998; 98US-0079656P.		PR	13-MAY-1998;	98US-0085323P.
PR	PR	27-MAR-1998; 98US-0079664P.		PR	13-MAY-1998;	98US-0085338P.
PR	PR	27-MAR-1998; 98US-0079689P.		PR	13-MAY-1998;	98US-0085339P.
PR	PR	27-MAR-1998; 98US-0079728P.		PR	15-MAY-1998;	98US-0085573P.
PR	PR	27-MAR-1998; 98US-0079786P.		PR	15-MAY-1998;	98US-0085579P.
PR	PR	30-MAR-1998; 98US-0079920P.		PR	15-MAY-1998;	98US-0085580P.
PR	PR	30-MAR-1998; 98US-0079923P.		PR	15-MAY-1998;	98US-0085582P.
PR	PR	31-MAR-1998; 98US-0080105P.		PR	15-MAY-1998;	98US-0085689P.
PR	PR	31-MAR-1998; 98US-0080107P.		PR	15-MAY-1998;	98US-0085697P.
PR	PR	31-MAR-1998; 98US-0080165P.		PR	15-MAY-1998;	98US-0085700P.
PR	PR	31-MAR-1998; 98US-0080194P.		PR	15-MAY-1998;	98US-0085704P.
PR	PR	01-APR-1998; 98US-0080327P.		PR	18-MAY-1998;	98US-0086023P.
PR	PR	01-APR-1998; 98US-0080328P.		PR	22-MAY-1998;	98US-0086392P.
PR	PR	01-APR-1998; 98US-0080333P.		PR	22-MAY-1998;	98US-0086414P.
PR	PR	01-APR-1998; 98US-0080334P.		PR	22-MAY-1998;	98US-0086430P.
PR	PR	08-APR-1998; 98US-0081049P.		PR	22-MAY-1998;	98US-0086486P.
PR	PR	08-APR-1998; 98US-0081070P.		PR	28-MAY-1998;	98US-0087098P.
PR	PR	08-APR-1998; 98US-0081071P.		PR	28-MAY-1998;	98US-0087106P.
				PR	28-MAY-1998;	98US-0087208P.
				PR	26-JUN-1998;	98US-0090863P.
				PR	01-JUL-1998;	98US-0091010P.
				PR	01-JUL-1998;	98US-0091359P.
				PR	30-JUL-1998;	98US-0094651P.
				PR	11-SEP-1998;	98US-0100038P.
				PR	07-OCT-1998;	98US-0100038P.
				PR	20-NOV-1998;	98US-0109304P.
				PR	20-NOV-1998;	98US-0109304P.
				PR	20-NOV-1998;	98US-0109304P.
				PR	20-NOV-1998;	98US-0109304P.
				PR	23-DEC-1998;	98US-0113296P.
				PR	23-DEC-1998;	98US-0113296P.
				PR	05-JAN-1999;	98US-0113621P.
				PR	08-MAR-1999;	98US-0113621P.
				PR	10-MAR-1999;	98US-0113621P.
				PR	12-MAR-1999;	98US-0113621P.
				PR	29-MAR-1999;	98US-0123957P.
				PR	29-MAR-1999;	98US-0123957P.
				PR	21-APR-1999;	98US-0123957P.
				PR	26-APR-1999;	98US-0130232P.
				PR	26-APR-1999;	98US-0130232P.

PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US000356.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006556.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.

PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-695954/66.
DR N-PSDB; ADB18720.
XX
PT New isolated nucleic acid and encoded PRO polypeptide, are useful in the
PT diagnosis and treatment of cancer.
XX
PS Claim 12; Fig 272; 638pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyt
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLLWVLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
DB 61 YPKHELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMQNRNSQAHNRNLESDGESDGLRCLSLNSGN 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMQNRNSQAHNRNLESDGESDGLRCLSLNSGN 240
QY 241 ILTTIVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTIVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEEEAGPLPTKVNLAHSEI 323

RESULT 43

ADA93936

ID ADA93936 standard; protein; 323 AA.

XX

AC ADA93936;

XX

DT 20-NOV-2003 (first entry)

XX

DE Human PRO polypeptide #136.

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; r-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
W immune system cell infiltration.
X
X Homo sapiens.
S
N US2003077722-A1.
X
D 24-APR-2003.
X
F 03-MAY-2002; 2002US-00137872.
X
R 03-MAR-2000; 2000US-0187202P.
R 01-DEC-2000; 2000WO-US032678.
R 19-DEC-2001; 2001US-00028072.
X
X (GETH) GENENTECH INC.
A
A Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
X
X WPI; 2003-755077/71.
R N-PSDB; ADA93935.
X
X New isolated, secreted and transmembrane PRO nucleic acid, useful for the
X diagnosis, prevention and/or treatment of tumors, such as lung, colon,
X breast, prostate, rectal, cervical and/or liver tumors.
X
X Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. NO. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTGLPPLLLLTALAGCGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSLSWVRLTGLPPLLLLTALAGCGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

OY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO 120
|||
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO 120
|||
OY 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSDMMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||
Db 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSDMMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||
OY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
OY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
OY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||

RESULT 44
ADB19832

ID ADB19832 standard; protein; 323 AA.

AC ADB19832;

DT 20-NOV-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

DE Human; secreted and transmembrane protein; PRO;

XX Tumour necrosis factor alpha release; TNF-alpha release;

KW glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; breast tumour; prostate tumour; rectal tumour;

KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

OS US2003082691-A1.

XX 01-MAY-2003.

PD 22-APR-2002; 2002US-00127838.

XX 17-NOV-1998; 98US-0108802P.

PR 01-SEP-1999; 99WO-US020111.

PR 18-OCT-1999; 99US-00403297.

PR 18-FEB-2000; 2000WO-US004342.

PR 02-JUN-2000; 2000WO-US015264.

PR 23-AUG-2000; 2000WO-US023522.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-755108/71.

DR N-PSDB; ADB19831.

XX PRO nucleic acid, useful for preparing a composition for treating e.g.,

PT tumor or for tissue typing.

XX Claim 12; Fig 272; 637pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and

CC

transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the release of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;

Query Match		100.0%;	Score 1694;	DB 6;	Length 323;
Best Local Similarity		100.0%;	Pred. No. 5.5e-167;		
Matches 323;		Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MAAPKGSILWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60		
Db	1	MAAPKGSILWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60		
QY	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ	120		
Db	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ	120		
QY	121	LPFAELRQELMSLMPKMHLLPFLTVRSFWSMDMDSAQSPITSSWTFYLOADGKIVIF	180		
Db	121	LPFAELRQELMSLMPKMHLLPFLTVRSFWSMDMDSAQSPITSSWTFYLOADGKIVIF	180		
QY	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNRFLEDGESDGLRCLSLNSGW	240		
Db	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNRFLEDGESDGLRCLSLNSGW	240		
QY	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFPNEQKLNRYPASSLVVVR	300		
Db	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFPNEQKLNRYPASSLVVVR	300		
QY	301	SKTEDHEEAGPLPTKYNLAHSEI	323		
Db	301	SKTEDHEEAGPLPTKYNLAHSEI	323		

RESULT 45

ADB13144

ID ADB13144 standard; protein; 323 AA.

XX ADB13144;

AC ADB13144;

XX 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

DE

XX

Human; PRO; secreted polypeptide; transmembrane polypeptide;

tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

Homo sapiens.

US2003082710-A1.

01-MAY-2003.

16-MAY-2002; 2002US-00147484.

09-DEC-1999; 99US-0170262P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-786913/74.

N-PSDB; ADB13143.

New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide, preparing a composition for treating e.g., tumor, or for tissue typing.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match		100.0%;	Score 1694;	DB 6;	Length 323;
Best Local Similarity		100.0%;	Pred. No. 5.5e-167;		
Matches 323;		Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

1 MAAPKGSWVTRQIGLPPLLLLTALACGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSWVTRQIGLPPLLLLTALACGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQONQ 120
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQONQ 120
121 LPFAELRQELMSILPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKI VIP 180
121 LPFAELRQELMSILPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKI VIP 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLVQMNLSQAHNFLEDCESDGFRLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLVQMNLSQAHNFLEDCESDGFRLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 46
ABO43284
ID ABO43284 standard; protein; 323 AA.
AC ABO43284;
XT 26-SEP-2003 (first entry)
X Novel human secreted and transmembrane protein PRO195.
X Human; secreted and transmembrane protein; PRO; gene therapy;
X chromosome identification; tissue typing.
X Homo sapiens.
X US2003044945-A1.
PN
KX 06-MAR-2003.
KX 10-MAY-2002; 2002US-00142419.
KX 31-MAR-1997; 97WO-US005230.
KX 12-JUN-1998; 98WO-US012456.
KX 14-JUL-1998; 98WO-US014552.
KX 28-AUG-1998; 98WO-US017888.
KX 10-SEP-1998; 98WO-US018824.
KX 14-SEP-1998; 98WO-US019093.
KX 14-SEP-1998; 98WO-US019094.
KX 14-SEP-1998; 98WO-US019177.
KX 16-SEP-1998; 98WO-US019330.
KX 17-SEP-1998; 98WO-US019437.
KX 07-OCT-1998; 98WO-US021141.
KX 29-OCT-1998; 98WO-US022991.
KX 29-OCT-1998; 98WO-US022992.
KX 20-NOV-1998; 98WO-US024855.
KX 01-DEC-1998; 98WO-US025108.
KX 05-JAN-1999; 99WO-US000106.
KX 08-MAR-1999; 99WO-US005028.
KX 10-MAR-1999; 99WO-US005190.
KX 20-APR-1999; 99WO-US008615.
KX 14-MAY-1999; 99WO-US010733.
KX 02-JUN-1999; 99WO-US012252.
KX 01-SEP-1999; 99WO-US020111.
KX 08-SEP-1999; 99WO-US020594.
KX 13-SEP-1999; 99WO-US020944.
KX 15-SEP-1999; 99WO-US021090.
KX 15-SEP-1999; 99WO-US021547.

PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 15-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.
PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-492275/46.
DR N-PSDB; ACD98559.
XX
XX
PT New transmembrane polypeptides and nucleic acids encoding the
PT polypeptides, useful in gene therapy, in chromosome identification, as
PT chromosome markers, or in generating probes.
XX
XX
PS Claim 12; Fig 272; 660pp; English.
XX
CC The invention describes an isolated nucleic acid encoding a PRO (secreted
CC and transmembrane) polypeptide. Nucleic acids which encode PRO can be
CC used to generate either transgenic animals or knock-out animals useful in
CC developing and screening of therapeutically useful reagents. The nucleic
CC acids may also be used in gene therapy, in chromosome identification, as
CC chromosome markers, or in generating probes. The PRO polypeptides are
CC useful as molecular markers for protein electrophoresis, and the isolated
CC nucleic acids may be used for recombinantly expressing those markers. The
CC PRO polypeptides and nucleic acids may also be used in tissue typing.
CC Anti-PRO antibodies are useful in diagnostic assays for PRO, and in
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. This is the amino acid sequence of a novel human secreted and
CC transmembrane PRO polypeptide
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESSACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGM 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGM 240

QY 241 ILTTTLVLSVMVLLKICCATVATAVEQYVSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLKICCATVATAVEQYVSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 47
ABO19690
ID ABO19690 standard; protein; 323 AA.
XX
AC ABO19690;
XX
DT 08-SEP-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO; cell death; neuropathy;
KW peripheral neuropathy; diabetic peripheral neuropathy;

KW AIDS-associated neuropathy; Charcot-Marie-Tooth disease;
KW Refsum's disease; Abetalipoproteinaemia; Tangier disease;
KW Krabbe's disease; Metachromatic leukodystrophy; Fabry's disease;
XX Dejerine-Sottas syndrome; chromosome mapping; gene therapy;
OS Homo sapiens.
XX
PN US2003050240-A1.
XX
PD 13-MAR-2003.
XX
XX
PF 16-OCT-2001; 2001US-00978403.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.

RESULT 48
ADA12530
ID ADA12530 standard; protein; 323 AA.
XX
AC ADA12530;
XX
DT 06-NOV-2003 (first entry)
XX
DE Human secreted/transmembrane polypeptide PRO195.
XX
KW inflammatory disease; organ failure; atherosclerosis; cardiac injury;
KW infertility; birth defect; premature aging; AIDS; cancer;
KW diabetic complication; tissue typing; human.
XX
OS Homo sapiens.
XX
PN US2003055216-A1.
XX
PD 20-MAR-2003.
XX
PF 17-OCT-2001; 2001US-00978824.
XX
PR 21-MAY-1996; 96US-0018049P.
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
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PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
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PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084414P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00255686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.

PR	16-JUN-1999;	99US-01399557P;
PR	23-JUN-1999;	99US-0141037P;
PR	07-JUL-1999;	99US-0142680P;
PR	26-JUL-1999;	99US-0145698P;
PR	28-JUL-1999;	99US-0146222P;
PR	25-AUG-1999;	99US-03380137;
PR	25-AUG-1999;	99US-03380138;
PR	25-AUG-1999;	99US-03380142;
PR	29-OCT-1999;	99US-0162506P;
PR	30-NOV-1999;	99WO-US028313;
PR	02-DEC-1999;	99WO-US028551;
PR	02-DEC-1999;	99WO-US028565;
PR	16-DEC-1999;	99WO-US030095;
PR	30-DEC-1999;	99WO-US031243;
PR	30-DEC-1999;	99WO-US031274;
PR	05-JAN-2000;	2000WO-US000219;
PR	06-JAN-2000;	2000WO-US000277;
PR	06-JAN-2000;	2000WO-US000376;
PR	11-FEB-2000;	2000WO-US003565;
PR	18-FEB-2000;	2000WO-US004341;
PR	24-FEB-2000;	2000WO-US005004;
PR	02-MAR-2000;	2000WO-US005841;
PR	10-MAR-2000;	2000WO-US006319;
PR	21-MAR-2000;	2000WO-US007532;
PR	30-MAR-2000;	2000WO-US008439;
PR	17-MAY-2000;	2000WO-US013705;
PR	22-MAY-2000;	2000WO-US014042;
PR	30-MAY-2000;	2000WO-US014941;
PR	02-JUN-2000;	2000WO-US015264;
PR	28-JUL-2000;	2000WO-US020710;
PR	24-AUG-2000;	2000WO-US023328;
PR	08-NOV-2000;	2000US-00709238;
PR	27-NOV-2000;	2000US-00723749;
PR	01-DEC-2000;	2000WO-US032678;
PR	20-DEC-2000;	2000US-00747259;
PR	20-DEC-2000;	2000WO-US034956;
PR	28-FEB-2001;	2001WO-US006520;
PR	22-MAR-2001;	2001US-00816744;
PR	22-MAR-2001;	2001US-00816920;
PR	22-MAR-2001;	2001WO-US009552;
PR	10-MAY-2001;	2001US-00854208;
PR	21-MAY-2001;	2001WO-US017092;
PR	01-JUN-2001;	2001US-00872035;
PR	01-JUN-2001;	2001WO-US017800;
PR	05-JUN-2001;	2001US-00874503;
PR	14-JUN-2001;	2001US-00882636;
PR	19-JUN-2001;	2001US-00886342;
PR	20-JUN-2001;	2001WO-US019692;
PR	29-JUN-2001;	2001WO-US021066;
PR	09-JUL-2001;	2001WO-US021735;
PR	30-JUL-2001;	2001US-00918585;

QY	181	QSKPEIQYAPHLEQEP	TNLR	ESSLSKMSY	LQMR	NSQAHR	NFLEDGES	DGFL	RCLSLNSG	2400
DB	181	QSKPEIQYAPHLEQEP	TNLR	ESSLSKMSY	LQMR	NSQAHR	NFLEDGES	DGFL	RCLSLNSG	2400
QY	241	ILTTTLVLSVMVLL	WICCAT	VATAVEQ	VPSEKLSI	YGDLEF	PMNEQK	LNRY	PASSLVVVR	3000
DB	241	ILTTTLVLSVMVLL	WICCAT	VATAVEQ	VPSEKLSI	YGDLEF	PMNEQK	LNRY	PASSLVVVR	3000
QY	301	SKTEDHEEAGPL	PTKVN	LAHSEI	323					
DB	301	SKTEDHEEAGPL	PTKVN	LAHSEI	323					

[illegible]

PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-625490/59.
DR N-PSDB; ADA74397.
XX
PT Novel secreted and transmembrane PRO polypeptides and polynucleotides
PT encoding them, useful for treating bone disorders, arthritis, heart
PT attack, injuries, tumors, and stimulating release of Tumor Necrosis
PT Factor-alpha from human blood.
XX
PS Claim 12; Fig 272; 659pp; English.
XX

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db |||||
QY 61 YPKEEELIACORGCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db |||||
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db |||||
QY 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLMQNSQAHRNLFLEDGESDGLRCLSLNSGW 240
Db |||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300
Db |||||

2y 301 SKTEDHBEAGPLPTKVNLAHSEI 323
2b 301 SKTEDHBEAGPLPTKVNLAHSEI 323
RESULT 50
ADB24631
ADB24631 standard; protein; 323 AA.
AC ADB24631;
CX 20-NOV-2003 (first entry)
CX Human PRO polypeptide SEQ ID NO 272.
CX Human; PRO; secreted polypeptide; transmembrane polypeptide;
W tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
W cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
W liver; microvascular endothelial cell; glucose; FFA;
W skeletal muscle cell; adipocyte cell; pericyte cell;
W inner ear utricular supporting cell; T-lymphocyte cell;
W endothelial cell tube formation; bone disorder; cartilage disorder;
W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
W immune system cell infiltration.
CX Homo sapiens.
CX US2003077713-A1.
CX 24-APR-2003.
CX 22-APR-2002; 2002US-00127839.
CX 05-JUN-2000; 2000US-0209832P.
CX 01-DEC-2000; 2000WO-US032678.
CX 19-DEC-2001; 2001US-00028072.
CX (GETH) GENENTECH INC.
CX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W,
CX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
CX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
CX WPI; 2003-755068/71.
CX N-PSDB; ADB24630.
CX New isolated, secreted and transmembrane PRO polypeptides and nucleic
CX acids, useful for the diagnosis, prevention and/or treatment of tumors,
CX such as lung, colon, breast, prostate, rectal, cervical and/or liver
CX tumors.
CX Claim 12; Fig 272; 637pp; English.
CX The invention relates to isolated human PRO polypeptides (secreted and
CX transmembrane polypeptides) and the polynucleotides encoding them. The
CX invention also relates to an antibody which specifically binds to a PRO
CX polypeptide, a method for stimulating the release of tumour necrosis
CX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CX proliferation or differentiation of chondrocyte cells and a method for
CX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CX polynucleotides are useful in molecular biology, including uses as
CX hybridisation probes, in chromosome and gene mapping, in generating
CX antisense RNA and DNA and in gene therapy. The polynucleotides may also
CX be used in preparing PRO polypeptides by recombinant techniques and in
CX generating either transgenic animals or knock-out animals which are
CX useful in the development and screening of therapeutically useful
CX reagents. The PRO polypeptides or antibodies are used in preparing a
CX medicament for treating a condition responsive to the polypeptides or
CX antibodies, such as tumours, for stimulating and inhibiting proliferation
CX of human microvascular endothelial cells, for modulating the uptake of
CX glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSMLVVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSMLVVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 51
ADA82155
ID ADA82155 standard; protein; 323 AA.
XX
AC ADA82155;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
XX US2003082701-A1.
XX 01-MAY-2003.
XX

PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-008866028.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-765392/72.
DR N-PSDB; ADA75117.
XX
PT New secreted and transmembrane PRO polypeptides useful for stimulating
PT the release of tumor necrosis factor alpha in human blood and detecting
PT the presence of tumor in a mammal.
XX
PS Claim 12; Fig 272; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVVTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
DB 1 MAAPKGSLSWVVTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQIMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQIMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNPFLEDESDFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNPFLEDESDFLRCLSLNSGW 240
QY 241 ILTTITLVSVMVLLWICCATVATAVEQVVPSEKLSIYGDLFPWNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 53

ADA85196

ID ADA85196 standard; protein; 323 AA.

XX ADA85196;

AC ADA85196;

XX 20-NOV-2003 (first entry)

DT 20-NOV-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

DE Human; secreted and transmembrane protein; PRO;

XX Tumour necrosis factor alpha release; TNF-alpha release;

KW Glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; cytokine release stimulator; tumour;

KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

OS US2003082695-A1.

XX PN 22-APR-2002; 2002US-00127846.

XX PD 01-MAY-2003.

XX PF 03-MAR-2000; 2000US-0187202P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

XX WPI; 2003-786909/74.

DR N-PSDB; ADA85195.

XX New nucleic acid encoding a PRO polypeptide, useful for preparing a

PT composition for treating e.g. tumor by gene therapy, or for tissue

PT typing.

XX Claim 12; Fig 272; 637pp; English.

PS The invention describes 305 nucleic acids encoding PRO (secreted and

CC transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the proliferation of or gene expression in pericyte

CC cells, for stimulating the release of proteoglycans from cartilage, for

CC stimulating the proliferation of inner ear utricular supporting cells,

CC for stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from PBMC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

CC detecting its expression in specific cells, tissues or serum, and for

CC affinity purification of PRO from recombinant cell culture or natural

CC sources. (I) and (II) are useful for tissue typing. This is the amino

CC acid sequence of a novel human secreted and transmembrane PRO

CC polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. NO. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPPAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

Db 121 LPPAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

QY 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 54

ADA84644

ID ADA84644 standard; protein; 323 AA.

XX ADA84644;

XX 20-NOV-2003 (first entry)

DT Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;

XX Tumour necrosis factor alpha release; TNF-alpha release;

XX Glucose uptake modulator; FFA uptake modulator;

XX cell proliferation stimulator; cell differentiation stimulator;

XX cell differentiation inhibitor; cytokine release stimulator; tumour;

XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

XX cervical tumour; liver tumour; chromosome mapping; gene mapping;

XX gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

XX OS US2003082708-A1.

XX PD 01-MAY-2003.

XX PF 15-MAY-2002; 2002US-00146729.

XX PR 05-JUN-2000; 2000US-0209832P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA

IX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XII Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XIII WPI; 2003-786911/74.
XIV N-PSDB; ADA84643.
XV New PRO nucleic acid, useful for preparing a composition for treating
XVI e.g. tumor or for tissue typing.
XVII Claim 12; Fig 272; 637pp; English.
XVIII The invention describes 305 nucleic acids encoding PRO (secreted and
XIX transmembrane) polypeptides (I). (I) is useful for stimulating the
XX release of TNF-alpha from human blood, for modulating the uptake of
XXI glucose or FFA by skeletal muscle cells or adipocyte cells, for
XXII stimulating the proliferation or differentiation of chondrocyte cells,
XXIII for stimulating the proliferation of or gene expression in pericyte
XXIV cells, for stimulating the release of proteoglycans from cartilage, for
XXV stimulating the proliferation of inner ear utricular supporting cells,
XXVI for stimulating the proliferation of T-lymphocyte cells, for stimulating
XXVII the release of a cytokine from PBMC cells, for inhibiting the binding of
XXVIII A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
XXIX cells, for stimulating proliferation of endothelial cells, for detecting
XXX the presence of tumour in a mammal. The tumour is lung, colon, breast,
XXXI prostate, rectal, cervical or liver tumour. The oligonucleotide probes
XXXII are useful for isolating genomic and cDNA nucleotide sequences or
XXXIII antisense probes. (I) is also useful as therapeutic agent. PRO is useful
XXXIV in assays to identify other proteins or molecules involved in binding
XXXV interaction. A polynucleotide (II) encoding (I) is useful in chromosome
XXXVI and gene mapping, in generation of antisense RNA and DNA, in the
XXXVII preparation of PRO polypeptide, for generating transgenic animals or
XXXVIII knockout animals which in turn are useful in the development and
XXXIX screening of therapeutically useful reagents, in gene therapy, for
XL chromosome identification, as chromosome marker, and for generating
XLI probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
XLII detecting its expression in specific cells, tissues or serum, and for
XLIII affinity purification of PRO from recombinant cell culture or natural
XLIV sources. (I) and (II) are useful for tissue typing. This is the amino
XLV acid sequence of a novel human secreted and transmembrane PRO
XLVI polypeptide.
XLVII Sequence 323 AA;
XLVIII
XLIX Query Match 100.0%; Score 1694; DB 6; Length 323;
L Best Local Similarity 100.0%; Pred. No. 5.5e-167;
LII Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
LIII
LIV 1 MAAPKGSLSWVRLTGLPEPLLLLTALAGSGGTASAAAFDSVLGDTASCHRAQLTYPLHT 60
LV
LVI 1 MAAPKGSLSWVRLTGLPEPLLLLTALAGSGGTASAAAFDSVLGDTASCHRAQLTYPLHT 60
LVII
LVIII 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
LIX
LX 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
LXI
LXII 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITTSWTFYLOADDGKIVIF 180
LXIII
LXIV 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITTSWTFYLOADDGKIVIF 180
LXV
LXVI 181 QSKPEIQYAPHLEQEPNTLRSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
LXVII
LXVIII 181 QSKPEIQYAPHLEQEPNTLRSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
LXIX
LXX 241 ILTTTIVLSVMVLLWICCATVATAVEQYVPSEKLSYDGLFEMNEQKLNRYPASSLVVVR 300
LXXI
LXXII 241 ILTTTIVLSVMVLLWICCATVATAVEQYVPSEKLSYDGLFEMNEQKLNRYPASSLVVVR 300
LXXIII
LXXIV 301 SKTEDEHEAGPLPTKVNLANHSEI 323
LXXV
LXXVI 301 SKTEDEHEAGPLPTKVNLANHSEI 323

RESULT 55
ADB29900
ID ADB29900 standard; protein; 323 AA.
XX
AC ADB29900;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003073214-A1.
XX
PD 17-APR-2003.
XX
PF 17-APR-2002; 2002US-00124822.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 31-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX
PA (GETH) GENENTECH INC.
XX

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-720081/68.
DR N-PSDB; ADB29899.

XX Novel secreted and transmembrane PRO polypeptides useful for stimulating
PT the release of tumor necrosis factor alpha and detecting the presence of
PT a tumor in a mammal.

XX Claim 12; Fig 272; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
XX

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWVRTQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDQYACHLGCQ 120
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 56

ADA80428

ID ADA80428 standard; protein; 323 AA.

XX

AC ADA80428;

XX 20-NOV-2003 (first entry)

DT

XX Human PRO polypeptide #136.

DE

CX Human; PRO; secreted polypeptide; transmembrane polypeptide;
CW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
CW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
CW liver; microvascular endothelial cell; glucose; FFA;
CW skeletal muscle cell; adipocyte cell; pericyte cell;
CW inner ear utricular supporting cell; T-lymphocyte cell;
CW endothelial cell tube formation; bone disorder; cartilage disorder;
CW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
CW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
CW immune system cell infiltration.
CX Homo sapiens.
CX US2003082761-A1.
CX 01-MAY-2003.
CX 12-APR-2002; 2002US-00121061.
CX 31-MAR-1997; 97WO-US005230.
CX 12-JUN-1998; 98WO-US012456.
CX 14-JUL-1998; 98WO-US014552.
CX 28-AUG-1998; 98WO-US017888.
CX 10-SEP-1998; 98WO-US018824.
CX 14-SEP-1998; 98WO-US019093.
CX 14-SEP-1998; 98WO-US019094.
CX 14-SEP-1998; 98WO-US019177.
CX 16-SEP-1998; 98WO-US019330.
CX 17-SEP-1998; 98WO-US019437.
CX 07-OCT-1998; 98WO-US021141.
CX 29-OCT-1998; 98WO-US022991.
CX 29-OCT-1998; 98WO-US022992.
CX 20-NOV-1998; 98WO-US024855.
CX 01-DEC-1998; 98WO-US025108.
CX 05-JAN-1999; 99WO-US000106.
CX 08-MAR-1999; 99WO-US005028.
CX 10-MAR-1999; 99WO-US005190.
CX 20-APR-1999; 99WO-US008615.
CX 14-MAY-1999; 99WO-US010733.
CX 02-JUN-1999; 99WO-US012252.
CX 01-SEP-1999; 99WO-US020111.
CX 08-SEP-1999; 99WO-US020594.
CX 13-SEP-1999; 99WO-US020944.
CX 15-SEP-1999; 99WO-US021090.
CX 15-SEP-1999; 99WO-US021547.
CX 05-OCT-1999; 99WO-US023089.
CX 29-NOV-1999; 99WO-US028214.
CX 30-NOV-1999; 99WO-US028313.
CX 30-NOV-1999; 99WO-US028409.
CX 01-DEC-1999; 99WO-US028301.
CX 01-DEC-1999; 99WO-US028634.
CX 02-DEC-1999; 99WO-US028551.
CX 02-DEC-1999; 99WO-US028564.
CX 02-DEC-1999; 99WO-US028565.
CX 16-DEC-1999; 99WO-US030095.
CX 20-DEC-1999; 99WO-US030911.
CX 20-DEC-1999; 99WO-US030999.
CX 22-DEC-1999; 99WO-US030720.
CX 30-DEC-1999; 99WO-US031243.
CX 30-DEC-1999; 99WO-US031274.
CX 05-JAN-2000; 2000WO-US000219.
CX 06-JAN-2000; 2000WO-US000277.
CX 06-JAN-2000; 2000WO-US000376.
CX 11-FEB-2000; 2000WO-US003565.
CX 18-FEB-2000; 2000WO-US004341.
CX 22-FEB-2000; 2000WO-US004342.
CX 22-FEB-2000; 2000WO-US004414.
CX 24-FEB-2000; 2000WO-US004914.
CX 24-FEB-2000; 2000WO-US005004.
CX 01-MAR-2000; 2000WO-US005601.
CX 02-MAR-2000; 2000WO-US005746.
CX 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-755115/71.
DR N-PSDB; ADA80427.
XX
PT New PRO polypeptides useful for treating diabetes, hyper- or hypo-
PT insulinemia, sports injuries, arthritis, obesity, stroke, heart attack,
PT various coagulation disorders and tumors.
XX Claim 12; Fig 272; 638pp; English.
XX
PS The invention relates to isolated human PRO polypeptides (secreted and
PS transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELVACQRCGLRFSICQFVDDGIDLRNRTKLECESACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKEEELVACQRCGLRFSICQFVDDGIDLRNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 57

ADA75670
ID ADA75670 standard; protein; 323 AA.
AC ADA75670;
XX 20-NOV-2003 (first entry)
DE Human PRO polypeptide #136.
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX Homo sapiens.

PN US2003082703-A1.

XX 01-MAY-2003.

XX 23-APR-2002; 2002US-00128691.

XX 09-DEC-1999; 99US-0170262P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-765414/72.

DR N-PSDB; ADA75669.

XX New PRO nucleic acid, useful for preparing a composition for treating

XX e.g., tumor or for tissue typing.

XX Claim 12; Fig 272; 637pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60

DB 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELVACQRCGLRFSICQFVDDGIDLRNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGOQ 120
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSVLOQRNSQAHRNPLEDGEDSGFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSVLOQRNSQAHRNPLEDGEDSGFLRCLSLNSGW 240
241 ILTTTLVLSVMULLWICCATVATAVEQYVPSEKLSIYGDLEFWMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMULLWICCATVATAVEQYVPSEKLSIYGDLEFWMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 58
ADA46895
ADA46895 standard; protein; 323 AA.
ADA46895;
20-NOV-2003 (first entry)
Human PRO polypeptide #136.
Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
Homo sapiens.
US2003073210-A1.
17-APR-2003.
11-APR-2002; 2002US-00121045.
31-MAR-1997; 97WO-US005230.
12-JUN-1998; 98WO-US012456.
14-JUL-1998; 98WO-US014552.
28-AUG-1998; 98WO-US017888.
10-SEP-1998; 98WO-US018824.
14-SEP-1998; 98WO-US019093.
14-SEP-1998; 98WO-US019094.
14-SEP-1998; 98WO-US019177.
16-SEP-1998; 98WO-US019330.
17-SEP-1998; 98WO-US019437.
07-OCT-1998; 98WO-US021141.
29-OCT-1998; 98WO-US022991.
29-OCT-1998; 98WO-US022992.
20-NOV-1998; 98WO-US024855.
01-DEC-1998; 98WO-US025108.
05-JAN-1999; 99WO-US000106.
08-MAR-1999; 99WO-US005028.
10-MAR-1999; 99WO-US005190.
20-APR-1999; 99WO-US008615.
14-MAY-1999; 99WO-US010733.
02-JUN-1999; 99WO-US012252.
01-SEP-1999; 99WO-US020111.
08-SEP-1999; 99WO-US020594.
13-SEP-1999; 99WO-US020944.

15-SEP-1999; 99WO-US021090.
15-SEP-1999; 99WO-US021547.
05-OCT-1999; 99WO-US023089.
29-NOV-1999; 99WO-US028214.
30-NOV-1999; 99WO-US028313.
30-NOV-1999; 99WO-US028409.
01-DEC-1999; 99WO-US028301.
01-DEC-1999; 99WO-US028634.
02-DEC-1999; 99WO-US028551.
02-DEC-1999; 99WO-US028564.
02-DEC-1999; 99WO-US028565.
16-DEC-1999; 99WO-US030095.
20-DEC-1999; 99WO-US030911.
20-DEC-1999; 99WO-US030999.
22-DEC-1999; 99WO-US030720.
30-DEC-1999; 99WO-US031243.
30-DEC-1999; 99WO-US031274.
05-JAN-2000; 2000WO-US000219.
06-JAN-2000; 2000WO-US000277.
06-JAN-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US003565.
18-FEB-2000; 2000WO-US004341.
18-FEB-2000; 2000WO-US004342.
22-FEB-2000; 2000WO-US004414.
24-FEB-2000; 2000WO-US004914.
24-FEB-2000; 2000WO-US005004.
01-MAR-2000; 2000WO-US005601.
02-MAR-2000; 2000WO-US005746.
02-MAR-2000; 2000WO-US005841.
10-MAR-2000; 2000WO-US006319.
15-MAR-2000; 2000WO-US006884.
20-MAR-2000; 2000WO-US007377.
21-MAR-2000; 2000WO-US007532.
30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
30-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US015264.
28-JUL-2000; 2000WO-US020710.
11-AUG-2000; 2000WO-US022031.
23-AUG-2000; 2000WO-US023522.
24-AUG-2000; 2000WO-US023328.
08-NOV-2000; 2000WO-US030952.
10-NOV-2000; 2000WO-US030873.
01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2000US-00747259.
20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001US-00796498.
28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006666.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00808689.
22-MAR-2001; 2001US-00816744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854280.
18-MAY-2001; 2001US-00860216.
25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US020116.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.

PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2003-644800/61.
DR N-PSDB; ADA46894.
XX
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
XX Claim 12; Fig 272; 638pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLLWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Qy 61 YPKEEELIACQRCGRLEFICQFVDDGIDNRTKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKEEELIACQRCGRLEFICQFVDDGIDNRTKLECSACTEAYSQSDQYACHLGCQ 120

Qy 121 LPFAELRQELMSLMPQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKPHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNPFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNPFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 59
ADB25191
ID ADB25191 standard; protein; 323 AA.
XX
AC ADB25191;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide SEQ ID NO 272.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003077715-A1.
XX
PD 24-APR-2003.
XX
PF 23-APR-2002; 2002US-00128693.
XX
PR 31-AUG-1998; 98US-0098525P.
PR 16-SEP-1998; 98US-0100634P.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380137.
PR 30-MAR-2000; 2000WO-US008439.
PR 02-JUN-2000; 2000WO-US015264.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2003-755070/71.
DR N-PSDB; ADB25190.
XX
PT New isolated, secreted and transmembrane PRO nucleic acids, useful for
PT the diagnosis, prevention and/or treatment of tumors, such as lung,
PT colon, breast, prostate, rectal, cervical and/or liver tumors.
XX
PS Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2y 61 YPKREELIYACQRCRLPSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHLGCQNO 120
Db 61 YPKREELIYACQRCRLPSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHLGCQNO 120
2y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
2y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLRCLSLNSGW 240
2y 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2y 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 60
ADA93367
ID ADA93367 standard; protein; 323 AA.
XX
AC ADA93367;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
XX OS
PN US2003077721-A1.
XX
PD 24-APR-2003.
XX
PF 24-APR-2002; 2002US-00131837.
XX
PR 09-DEC-1999; 99US-0170262P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GEMENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-755076/71.
DR N-PSDB; ADA93366.
XX
PT New PRO nucleic acid, useful for recombinantly producing a PRO
PT polypeptide and for manufacturing a medicament for diagnosing or treating
PT tumor.
XX
PS Claim 12; Fig 272; 637pp; English.
XX

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQ	120
Db	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQ	120
QY	121	LPFAELRQELMSLMPKMHLLPPLTLVRSFWSDMDSAQSFITSSWTFYLQADDGKIVIP	180
Db	121	LPFAELRQELMSLMPKMHLLPPLTLVRSFWSDMDSAQSFITSSWTFYLQADDGKIVIP	180
QY	181	QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR	300
Db	241	ILTTTLVLSVMVLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR	300
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 61
ADB26717
ID ADB26717 standard; protein; 323 AA.
XX
AC ADB26717;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003092147-A1.
XX
PD 15-MAY-2003.
XX
PF 11-APR-2002; 2002US-00121051.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.

R 06-AUG-2001; 2001US-00924419.
R 09-AUG-2001; 2001US-00927796.
R 16-AUG-2001; 2001US-00931836.
R 19-DEC-2001; 2001US-00028072.
X (GETH) GENENTECH INC.
X Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
X WPI; 2003-777249/73.
R N-PSDB; ADB26716.
X Novel isolated PRO polypeptide useful for treating diabetes, hyper- or
T hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart
T attack, various coagulation disorders, tumors.
X Claim 12; Fig 272; 660pp; English.
X The invention relates to isolated human PRO polypeptides (secreted and
C transmembrane polypeptides) and the polynucleotides encoding them. The
C invention also relates to an antibody which specifically binds to a PRO
C polypeptide, a method for stimulating the release of tumour necrosis
C factor-alpha (TNF-alpha) from human blood, a method for stimulating the
C proliferation or differentiation of chondrocyte cells and a method for
C detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
C colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
C polynucleotides are useful in molecular biology, including uses as
C hybridisation probes, in chromosome and gene mapping, in generating
C antisense RNA and DNA and in gene therapy. The polynucleotides may also
C be used in preparing PRO polypeptides by recombinant techniques and in
C generating either transgenic animals or knock-out animals which are
C useful in the development and screening of therapeutically useful
C reagents. The PRO polypeptides or antibodies are used in preparing a
C medicament for treating a condition responsive to the polypeptides or
C antibodies, such as tumours, for stimulating and inhibiting proliferation
C of human microvascular endothelial cells, for modulating the uptake of
C glucose or FFA by skeletal muscle cells or adipocyte cells, for
C stimulating differentiation of adipocyte cells, for stimulating
C the proliferation of inner ear utricular supporting cells or T-lymphocyte
C cells, for inducing endothelial cell tube formation and for treating
C various bone and/or cartilage disorders such as sports injuries and
C arthritis. PRO polypeptides which stimulate the release of proteoglycans
C from cartilage are useful for treating sports-related joint problems,
C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
C polypeptides are also useful for treating various mammalian haemoglobin-
C associated disorders such as various thalassaemias and conditions which
C may benefit from enhanced local immune system cell infiltration. This
C sequence represents a human PRO polypeptide of the invention. Note: The
C sequence data for this patent is also available in electronic format from
C the USPTO website at seqdata.uspto.gov.
X Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSWVTRQLGPPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSWVTRQLGPPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
Y 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVF 180
b 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVF 180
Y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLAQWENSAHRNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLAQWENSAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323
RESULT 62
ADB31004
ID ADB31004 standard; protein; 323 AA.
XX
AC ADB31004;
XX
DT 20-NOV-2003 (first entry)
XX Human PRO polypeptide #136.
DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
XX US2003096386-A1.
XX 22-MAY-2003.
XX 11-APR-2002; 2002US-00121042.
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.

PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart FA, Tumas D, Watanabe CX, Wood WI, Zhang Z;

XX WPI; 2003-786990/74.
DR N-PSDB; ADB31003.
XX
PT Novel isolated PRO polypeptide useful for treating diabetes, hyper- or
PT hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart
PT attack, various coagulation disorders, tumors.
XX
PS Claim 12; Fig 272; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems. PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB |||||
QY 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB |||||
QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
DB |||||
QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
DB |||||
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
DB |||||
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
DB |||||
QY 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB |||||
QY 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB |||||
QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300
DB |||||
QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300
DB |||||
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB |||||
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB |||||

RESULT 63
ADA60932
ID ADA60932 standard; protein; 323 AA.
XX
AC ADA60932;
XX
DT 20-NOV-2003 (first entry)
XX
DE Homo sapiens.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
CS Novel.
CS human.
CS secreted.
OS and.
OS transmembrane.
OS protein.
OS PRO195.
XX US2003049817-A1.
FN
XX
PD 13-MAR-2003.
XX
PF 10-MAY-2002; 2002US-00142423.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.

PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
PR 10-MAR-2009; 2000WO-US006319.
XX
PA (GETH) GEMENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-695893/66.
DR N-PSDB; ADA60931.
XX
PT New secreted and transmembrane PRO polypeptide and nucleic acid, useful
for manufacturing a medicament for diagnosing or treating tumor.

XX PS Claim 12; Fig 272; 658pp; English.

XX CC The invention describes 305 nucleic acids encoding PRO (secreted and

CC transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the release of proteoglycans from cartilage, for

CC cells, for stimulating the proliferation of inner ear utricular supporting cells,

CC stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from PBMC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

CC detecting its expression in specific cells, tissues or serum, and for

CC affinity purification of PRO from recombinant cell culture or natural

CC sources. (I) and (II) are useful for tissue typing. This is the amino

CC acid sequence of a novel human secreted and transmembrane PRO

XX CC polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. NO. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

DB 1 MAAPKGLWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTRAYSQSDEQYACHLGCNQ 120

DB 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTRAYSQSDEQYACHLGCNQ 120

QY 121 LPFAELRQELMSLMPKXHLFLPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

DB 121 LPFAELRQELMSLMPKXHLFLPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMENSQAHRNFLEDGSDGFLRCLSLNSGW 240

DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMENSQAHRNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYCDLEFMEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYCDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHERAGPLPTKVNLAHSEI 323

DB 301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 64

ADB24079

ID ADB24079 standard; protein; 323 AA.

XX AC ADB24079;

XX DT 20-NOV-2003 (first entry)

XX DE Human PRO polypeptide SEQ ID NO 272.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX KW immune system cell infiltration.

OS Homo sapiens.

XX US2003077714-A1.

PN 24-APR-2003.

PD 22-APR-2002; 2002US-00127901.

XX 17-JUN-1998; 98US-0089599P.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 30-NOV-1999; 99WO-US028313.

PR 30-MAR-2000; 2000WO-US008439.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

PA (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-755069/71.

DR N-PSDB; ADB24078.

XX New isolated, secreted and transmembrane PRO polypeptides and nucleic

PT acids, useful for the diagnosis, prevention and/or treatment of tumors,

PT such as lung, colon, breast, prostate, rectal, cervical and/or liver

PT tumors.

XX Claim 12; Fig 272; 637pp; English.

PS The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
2b 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
2y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQW 120
|||
2b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQW 120
|||
2y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
|||
2b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
|||
2y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
2b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
|||
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
|||
2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 65
ADA96408
ID ADA96408 standard; protein; 323 AA.
XX
AC ADA96408;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.
XX US2003082690-A1.
XX
XX 01-MAY-2003.
XX
XX 22-APR-2002; 2002US-00127837.
XX
XX 01-SEP-1998; 98US-0098750P.
XX 01-SEP-1999; 99WO-US020111.
XX 18-OCT-1999; 99US-00403297.
XX 18-FEB-2000; 2000WO-US004342.
XX 08-NOV-2000; 2000WO-US030952.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-755107/71.
N-PSDB; ADA96407.

PRO nucleic acid, useful for preparing a composition for treating e.g.,
tumor or for tissue typing.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems,
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQW 120
|||
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQW 120
|||
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
|||
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
|||
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 66
ADA80980
ID ADA80980 standard; protein; 323 AA.
XX ADA80980;
AC ADA80980;
XX 20-NOV-2003 (first entry)
DT 20-NOV-2003 (first entry)
XX Human PRO polypeptide #136.
DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS US2003082702-A1.
XX 01-MAY-2003.
XX 23-APR-2002; 2002US-00128690.
XX 02-MAR-2000; 2000WO-US005841.
XX 30-MAY-2000; 2000WO-US014941.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-755111/71.
DR N-PSDB; ADA80979.
XX New PRO nucleic acid, useful for preparing a composition for treating
PT e.g., tumor or for tissue typing.
XX Claim 12; Fig 272; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSILWVLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 67

ADA95856
ID ADA95856 standard; protein; 323 AA.

XX ADA95856;

DT 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

XX Homo sapiens.

XX US2003082759-A1.

XX 01-MAY-2003.

XX

PR 11-APR-2002; 2002US-00121040.
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.

PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

WPI; 2003-755114/71.
N-PSDB; ADA95855.

New isolated PRO polypeptides, useful for treating diabetes, hyper- or hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart attack, various coagulation disorders and tumors.

Claim 12; Fig 272; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting the uptake of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
DB 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLCQNQ 120
DB 61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLCQNQ 120
QY 121 LPFAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPESEKLSIYGLDFPNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPESEKLSIYGLDFPNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 68

ADB26165
ID ADB26165 standard; protein; 323 AA.

XX AC ADB26165;

XX DT 20-NOV-2003 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003082760-A1.

XX PD 01-MAY-2003.

XX PF 12-APR-2002; 2002US-00121056.

XX PR 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 14-SEP-1998; 98WO-US019177.

PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 20-APR-1999; 98WO-US008615.
PR 14-MAY-1999; 98WO-US010733.
PR 02-JUN-1999; 98WO-US012252.
PR 01-SEP-1999; 98WO-US020111.
PR 08-SEP-1999; 98WO-US020594.
PR 13-SEP-1999; 98WO-US020944.
PR 15-SEP-1999; 98WO-US021090.
PR 15-SEP-1999; 98WO-US021547.
PR 05-OCT-1999; 98WO-US023089.
PR 29-NOV-1999; 98WO-US028214.
PR 30-NOV-1999; 98WO-US028313.
PR 30-NOV-1999; 98WO-US028409.
PR 01-DEC-1999; 98WO-US028301.
PR 01-DEC-1999; 98WO-US028634.
PR 02-DEC-1999; 98WO-US028551.
PR 02-DEC-1999; 98WO-US028564.
PR 02-DEC-1999; 98WO-US028565.
PR 16-DEC-1999; 98WO-US030095.
PR 20-DEC-1999; 98WO-US030911.
PR 20-DEC-1999; 98WO-US030999.
PR 22-DEC-1999; 98WO-US030720.
PR 30-DEC-1999; 98WO-US031243.
PR 30-DEC-1999; 98WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.

25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US020116.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.
{GETH } GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W,
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S,
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-777204/73.
N-PSDB; ADB26164.
New secreted and transmembrane PRO polypeptides and nucleic acids, useful
in gene therapy, detecting the presence of tumor in a mammal, or
modulating the uptake of glucose or free fatty acid by skeletal muscle
cells or adipocyte cells.
Claim 12; Fig 272; 659pp; English.
The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems,
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
the USPTO website at seqdata.uspto.gov.
Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSIMVRTQLGLPPLLLLTALAGSGCTASAEADSVLGDITASCHRAQLTYPLHT 60
Db 1 MAAPKGSIMVRTQLGLPPLLLLTALAGSGCTASAEADSVLGDITASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180
Db 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180
QY 181 QSKPSIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPSIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLIICCATVATAVEQYVPSEKLSIYGDLFPMEQKLNRYPPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLIICCATVATAVEQYVPSEKLSIYGDLFPMEQKLNRYPPASSLVVVR 300
QY 301 SKTEDHEEAGLPPTKVNLAHSEI 323
Db 301 SKTEDHEEAGLPPTKVNLAHSEI 323
RESULT 69
ADB21650
ID ADB21650 standard; protein; 323 AA.
XX ADB21650;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS
XX
XX US2003082765-A1.
XX
XX 01-MAY-2003.
XX
XX 17-MAY-2002; 2002US-00147492.
XX
XX 31-MAR-1997; 97WO-US005230.
XX 12-JUN-1998; 98WO-US012456.
XX 14-JUL-1998; 98WO-US014552.
XX 28-AUG-1998; 98WO-US017888.
XX 10-SEP-1998; 98WO-US018824.
XX 14-SEP-1998; 98WO-US019093.
XX 14-SEP-1998; 98WO-US019094.
XX 16-SEP-1998; 98WO-US019330.
XX 17-SEP-1998; 98WO-US019437.
XX 07-OCT-1998; 98WO-US021141.
XX 29-OCT-1998; 98WO-US022991.
XX 29-OCT-1998; 98WO-US022992.
XX 20-NOV-1998; 98WO-US024855.
XX 01-DEC-1998; 98WO-US025108.
XX 05-JAN-1999; 99WO-US000106.
XX 08-MAR-1999; 99WO-US005028.
XX 10-MAR-1999; 99WO-US005190.
XX 20-APR-1999; 99WO-US008615.

PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-008866342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.

PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-786920/74.
DR N-PSDB; ADB21649.
XX
PT New secreted and transmembrane PRO polypeptide useful for detecting the
PT presence of tumor in a mammal, or modulating the uptake of glucose or
PT free fatty acid by skeletal muscle cells or adipocyte cells.
XX
PS Claim 12; Fig 272; 638pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PMBC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumor in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWVRTQLGLPPLLLLTALAGSGGTASAEAPDSVIGDTASCHRAQLTPLHT 60
Db |||||
QY 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
Db |||||
QY 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db |||||
QY 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLBQEPTNLRSSLSKMSYLMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db |||||

Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGESDGLRCLSLNSGW 240

Qy 241 ILTTLVLVSMVLLWICATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTLVLVSMVLLWICATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 70

ABO19581

ID ABO19581 standard; protein; 323 AA.

KX

AC ABO19581;

XT 27-AUG-2003 (first entry)

KX

DE Novel human secreted and transmembrane polypeptide #49.

KX

KW Human; secreted and transmembrane protein; PRO; viral infection;

KW tumour growth; retinal disorder; injury; sight loss;

KW retinitis pigmentosum; age-related macular degeneration;

KW sport-related joint problem; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; wound healing; obesity; diabetes; insulinaemia;

KW kidney disorder; mesangial cell function; Berger disease; nephropathy;

KW celiac disease; dermatitis; Crohn disease; neuropathy;

KW cardiac insufficiency disorder; peripheral neuropathy;

KW diabetic peripheral neuropathy; autonomic neuropathy;

KW reduced motility of the gastrointestinal tract;

KW atony of the urinary bladder; post polio syndrome; Krabbe's disease;

KW Charcot-Marie-Tooth disease; Fabry's disease; Tangier disease;

KW Refsum's disease.

XX

OS Homo sapiens.

KX

PN US2003049633-A1.

XX

PD 13-MAR-2003.

XX

PF 16-OCT-2001; 2001US-00978585.

XX

PR 17-OCT-1997; 97US-0062250P.

PR 03-NOV-1997; 97US-0064249P.

PR 13-NOV-1997; 97US-0065311P.

PR 21-NOV-1997; 97US-0066364P.

PR 10-MAR-1998; 98US-0077450P.

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PR 11-MAR-1998; 98US-0077641P.

PR 11-MAR-1998; 98US-0077649P.

PR 12-MAR-1998; 98US-0077791P.

PR 13-MAR-1998; 98US-0078004P.

PR 17-MAR-1998; 98US-00040220.

PR 20-MAR-1998; 98US-0078886P.

PR 20-MAR-1998; 98US-0078910P.

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PR 26-MAR-1998; 98US-0079656P.

PR 27-MAR-1998; 98US-0079663P.

PR 27-MAR-1998; 98US-0079664P.

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PR 31-MAR-1998; 98US-0080107P.

PR 31-MAR-1998; 98US-0080165P.

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PR 01-APR-1998; 98US-0080328P.

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PR 01-APR-1998; 98US-0080334P.

PR 08-APR-1998; 98US-0081049P.

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PR 09-APR-1998; 98US-0081195P.

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PR 15-APR-1998; 98US-0081819P.

PR 15-APR-1998; 98US-0081838P.

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PR 15-APR-1998; 98US-0081955P.

PR 21-APR-1998; 98US-0082568P.

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PR 22-APR-1998; 98US-0082700P.

PR 22-APR-1998; 98US-0082704P.

PR 22-APR-1998; 98US-0082797P.

PR 22-APR-1998; 98US-0082804P.

PR 23-APR-1998; 98US-0082796P.

PR 27-APR-1998; 98US-0083336P.

PR 28-APR-1998; 98US-0083322P.

PR 29-APR-1998; 98US-0083392P.

PR 29-APR-1998; 98US-0083495P.

PR 29-APR-1998; 98US-0083496P.

PR 29-APR-1998; 98US-0083499P.

PR 29-APR-1998; 98US-0083500P.

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PR 29-APR-1998; 98US-0083554P.

PR 29-APR-1998; 98US-0083558P.

PR 29-APR-1998; 98US-0083559P.

PR 30-APR-1998; 98US-0083742P.

PR 05-MAY-1998; 98US-0084366P.

PR 06-MAY-1998; 98US-0084414P.

PR 06-MAY-1998; 98US-0084441P.

PR 07-MAY-1998; 98US-0084598P.

PR 07-MAY-1998; 98US-0084600P.

PR 07-MAY-1998; 98US-0084627P.

PR 07-MAY-1998; 98US-0084637P.

PR 07-MAY-1998; 98US-0084639P.

PR 07-MAY-1998; 98US-0084640P.

PR 07-MAY-1998; 98US-0084643P.

PR 13-MAY-1998; 98US-0085323P.

PR 13-MAY-1998; 98US-0085338P.

PR 13-MAY-1998; 98US-0085339P.

PR 15-MAY-1998; 98US-0085573P.

PR 15-MAY-1998; 98US-0085579P.

PR 15-MAY-1998; 98US-0085580P.

PR 15-MAY-1998; 98US-0085582P.

PR 15-MAY-1998; 98US-0085689P.

PR 15-MAY-1998; 98US-0085697P.

PR 15-MAY-1998; 98US-0085700P.

PR 15-MAY-1998; 98US-0085704P.

PR 18-MAY-1998; 98US-0086023P.

PR 22-MAY-1998; 98US-0086392P.

PR 22-MAY-1998; 98US-0086414P.

PR 22-MAY-1998; 98US-0086430P.

PR 22-MAY-1998; 98US-0086486P.

PR 28-MAY-1998; 98US-0087098P.

PR 28-MAY-1998; 98US-0087106P.

PR 28-MAY-1998; 98US-0087208P.

PR 26-JUN-1998; 98US-00105413.

PR 26-JUN-1998; 98US-0090863P.

PR 26-JUN-1998; 98US-0091010P.

PR 01-JUL-1998; 98US-0091359P.

PR 30-JUL-1998; 98US-0094651P.

PR 11-SEP-1998; 98US-0100038P.

PR 07-OCT-1998; 98US-00168978.

PR 07-OCT-1998; 98WO-US021141.

PR 02-NOV-1998; 98US-00184216.

PR 06-NOV-1998; 98US-00187368.

PR 20-NOV-1998; 98US-0109304P.

PR 20-NOV-1998; 98WO-US024855.

PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.

Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRTQLGLPPLLTLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVRTQLGLPPLLTLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPFLTIVRSFWSMDMDSAQSFITSSWTFYLOADDKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPFLTIVRSFWSMDMDSAQSFITSSWTFYLOADDKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLIEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLIEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKYNLAHSEI 323
RESULT 71
ADA77429
ID ADA77429 standard; protein; 323 AA.
XX AC ADA77429;
XX DT 20-NOV-2003 {first entry}
XX DB Human PRO polypeptide #136.
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX OS Homo sapiens.
XX PN US2003068797-A1.
XX PD 10-APR-2003.
XX PF 07-MAY-2002; 2002US-00140921.
XX PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 16-SEP-1998; 98WO-US019177.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.

PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 28-DEC-2000; 2000US-00796498.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.

PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

WPI; 2003-625489/59.
N-PSDB; ADA77428.

Novel isolated, secreted and transmembrane PRO polypeptides e.g. PRO1801 and PRO1114, useful in the preparation of a medicament for treating a condition responsive to PRO polypeptide, and as therapeutic agents e.g. vaccines.

Claim 12; Fig 272; 659pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MAAPKGSLSWRTQIGLPPILLTLMALAGSGTASABAFDSVLGDTASCHRA	COLTYPLET	60
Db	1	MAAPKGSLSWRTQIGLPPILLTLMALAGSGTASABAFDSVLGDTASCHRA	COLTYPLET	60
Qy	61	YPKEELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGC	QNQ	120
Db	61	YPKEELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGC	QNQ	120
Qy	121	LPFAELRQEQMLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADD	GKIVIP	180

Db 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYQLQADGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVR 300
QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 72

ADB18169

ID ADB18169 standard; protein; 323 AA.

XX

AC ADB18169;

DT 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX liver; microvascular endothelial cell; glucose; PFA;

XX skeletal muscle cell; adipocyte cell; pericyte cell;

XX inner ear utricular supporting cell; T-lymphocyte cell;

XX endothelial cell tube formation; bone disorder; cartilage disorder;

XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX immune system cell infiltration.

XX Homo sapiens.

OS US2003077710-A1.

PN 24-APR-2003.

PD 22-APR-2002; 2002US-00127825.

PF 22-OCT-1998; 98US-0105169P.

XX 01-SEP-1999; 99WO-US020111.

PR 18-OCT-1999; 99US-00403297.

PR 30-NOV-1999; 99WO-US028313.

PR 18-FEB-2000; 2000WO-US004342.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-755065/71.

DR N-PSDB; ADB18168.

XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful

PT in gene therapy, in chromosome and gene mapping, as chromosome markers,

PT in tissue typing, and in identifying chromosomes.

XX Claim 12; Fig 272; 637pp; English.

PS The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or PFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELYACQRCGLFSCICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120

Db 61 YPKHEELYACQRCGLFSCICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYQLQADGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYQLQADGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 73

ADA86852

ID ADA86852 standard; protein; 323 AA.

XX

AC ADA86852;

XX 20-NOV-2003 (first entry)

DT Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;

XX Tumour necrosis factor alpha release; TNF-alpha release;

XX Glucose uptake modulator; FFA uptake modulator;

XX cell proliferation stimulator; cell differentiation stimulator;

cell differentiation inhibitor; cytokine release stimulator; tumour; lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour; cervical tumour; liver tumour; chromosome mapping; gene mapping; gene therapy; chromosome identification; chromosome marker.

JS Homo sapiens.

AN US2003082709-A1.

PD 01-MAY-2003.

PF 15-MAY-2002; 2002US-00146791.

PR 17-AUG-1998; 98US-0096895P.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 30-MAR-2000; 2000WO-US008439.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-786912/74.

XX N-PSDB; ADA86851.

XX New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide, for preparing a composition for treating e.g., tumor, or for tissue typing.

XX Claim 12; Fig 272; 637pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

XX Sequence 323 AA;

XX Query Match 100.0%; Score 1694; DB 7; Length 323;

XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;

XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSLSWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKERELVACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQCNQ 120

Db 61 YPKERELVACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQEQILMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180

Db 121 LPFAELRQEQILMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLMQNRNSQAHNFLEDDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLMQNRNSQAHNFLEDDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFQNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFQNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHHEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHHEAGPLPTKYNLAHSEI 323

RESULT 74

ADA87955

ID ADA87955 standard; protein; 323 AA.

XX ADA87955;

XX 20-NOV-2003 (first entry)

DT Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;

XX Tumour necrosis factor alpha release; TNF-alpha release;

XX glucose uptake modulator; FFA uptake modulator;

XX cell proliferation stimulator; cell differentiation stimulator;

XX cell differentiation inhibitor; cytokine release stimulator; tumour;

XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

XX cervical tumour; liver tumour; chromosome mapping; gene mapping;

XX gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

XX US2003082700-A1.

XX 01-MAY-2003.

XX 23-APR-2002; 2002US-00128684.

XX 05-JUN-2000; 2000US-02093832P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-786910/74.

XX N-PSDB; ADA87954.

XX New PRO nucleic acid, useful for preparing a composition for treating e.g., tumor or for tissue typing.

XX Claim 12; Fig 272; 637pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

XX Sequence 323 AA;

XX Query Match 100.0%; Score 1694; DB 7; Length 323;

XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;

XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGLWVTRQGLPPLLLLTVALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLWVTRQGLPPLLLLTVALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFISICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGOQ 120
Db 61 YPKEELYACQRCGLFISICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGOQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
QY 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLNSGW 240
Db 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLNSGW 240
QY 241 ILTTLVLSVMVLWICCATVATAVEQYVPESEKLSIYGLDFNNEQKLNRYPASSLVVVR 300
Db 241 ILTTLVLSVMVLWICCATVATAVEQYVPESEKLSIYGLDFNNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 75

ADA46343
ID ADA46343 standard; protein; 323 AA.

AC ADA46343;

XX 20-NOV-2003 (first entry)

DT Novel human secreted and transmembrane protein PRO195.

DE Human; secreted and transmembrane protein; PRO;
XX Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; PFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS US2003054516-A1.
XX 20-MAR-2003.
PN 12-APR-2002; 2002US-00121050.
PD 31-MAR-1997; 97WO-US005230.
XX 12-JUN-1998; 98WO-US012456.
XX 14-JUL-1998; 98WO-US014552.
XX 28-AUG-1998; 98WO-US017888.
XX 10-SEP-1998; 98WO-US018824.
XX 14-SEP-1998; 98WO-US019093.
XX 14-SEP-1998; 98WO-US019094.
XX 14-SEP-1998; 98WO-US019177.
XX 16-SEP-1998; 98WO-US019330.
XX 17-SEP-1998; 98WO-US019437.
XX 07-OCT-1998; 98WO-US021141.
XX 29-OCT-1998; 98WO-US022991.
XX 29-OCT-1998; 98WO-US022992.
XX 20-NOV-1998; 98WO-US024855.
XX 01-DEC-1998; 98WO-US025108.
XX 05-JAN-1999; 98WO-US000106.
XX 08-MAR-1999; 98WO-US005028.
XX 10-MAR-1999; 98WO-US005190.
XX 20-APR-1999; 98WO-US008615.
XX 14-MAY-1999; 98WO-US010733.
XX 02-JUN-1999; 98WO-US012252.
XX 01-SEP-1999; 98WO-US020111.
XX 08-SEP-1999; 98WO-US020594.
XX 13-SEP-1999; 98WO-US020944.
XX 15-SEP-1999; 98WO-US021090.
XX 15-SEP-1999; 98WO-US021547.
XX 05-OCT-1999; 98WO-US023089.
XX 29-NOV-1999; 98WO-US028214.
XX 30-NOV-1999; 98WO-US028313.
XX 30-NOV-1999; 98WO-US028409.
XX 01-DEC-1999; 98WO-US028301.
XX 01-DEC-1999; 98WO-US028634.
XX 02-DEC-1999; 98WO-US028551.
XX 02-DEC-1999; 98WO-US028564.
XX 02-DEC-1999; 98WO-US028565.
XX 16-DEC-1999; 98WO-US030095.
XX 20-DEC-1999; 98WO-US030911.
XX 20-DEC-1999; 98WO-US030999.
XX 22-DEC-1999; 98WO-US030720.
XX 30-DEC-1999; 98WO-US031243.
XX 30-DEC-1999; 98WO-US031274.
XX 05-JAN-2000; 2000WO-US000219.
XX 06-JAN-2000; 2000WO-US000277.
XX 06-JAN-2000; 2000WO-US000376.
XX 11-FEB-2000; 2000WO-US003565.
XX 18-FEB-2000; 2000WO-US004341.
XX 18-FEB-2000; 2000WO-US004342.
XX 22-FEB-2000; 2000WO-US004414.
XX 24-FEB-2000; 2000WO-US004914.
XX 01-MAR-2000; 2000WO-US005004.
XX 02-MAR-2000; 2000WO-US005601.
XX 02-MAR-2000; 2000WO-US005746.
XX 10-MAR-2000; 2000WO-US005841.
XX 15-MAR-2000; 2000WO-US006319.
XX 20-MAR-2000; 2000WO-US006884.
XX 21-MAR-2000; 2000WO-US007377.
XX 30-MAR-2000; 2000WO-US007532.
XX 17-MAY-2000; 2000WO-US013705.
XX 22-MAY-2000; 2000WO-US014042.
XX 30-MAY-2000; 2000WO-US014941.
XX 02-JUN-2000; 2000WO-US015264.
XX 28-JUL-2000; 2000WO-US020710.

R 11-AUG-2000; 200WO-US022031.
R 23-AUG-2000; 200WO-US023522.
R 24-AUG-2000; 200WO-US023328.
R 08-NOV-2000; 200WO-US030952.
R 10-NOV-2000; 200WO-US030873.
R 01-DEC-2000; 200WO-US032678.
R 20-DEC-2000; 2000US-00747259.
R 20-DEC-2000; 200WO-US034956.
R 28-FEB-2001; 2001US-00796498.
R 28-FEB-2001; 2001WO-US006520.
R 01-MAR-2001; 2001WO-US006666.
R 09-MAR-2001; 2001US-00802706.
R 14-MAR-2001; 2001US-00808689.
R 22-MAR-2001; 2001US-00816744.
R 05-APR-2001; 2001US-00828366.
R 10-MAY-2001; 2001US-00854208.
R 10-MAY-2001; 2001US-00854280.
R 18-MAY-2001; 2001US-00860216.
R 25-MAY-2001; 2001US-00866028.
R 25-MAY-2001; 2001US-00866034.
R 25-MAY-2001; 2001WO-US017092.
R 01-JUN-2001; 2001US-00872035.
R 01-JUN-2001; 2001WO-US017800.
R 05-JUN-2001; 2001US-00874503.
R 14-JUN-2001; 2001US-00882636.
R 19-JUN-2001; 2001US-00886342.
R 20-JUN-2001; 2001WO-US019692.
R 21-JUN-2001; 2001US-00887879.
R 22-JUN-2001; 2001WO-US020116.
R 29-JUN-2001; 2001WO-US021066.
R 09-JUL-2001; 2001WO-US021735.
R 18-JUL-2001; 2001US-00908827.
R 06-AUG-2001; 2001US-00924419.
R 09-AUG-2001; 2001US-00927796.
R 16-AUG-2001; 2001US-00931836.
R 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-521853/49.
N-PSDB; ADA46342.

New PRO nucleic acid, useful for preparing a composition for treating
e.g., tumor.

Claim 12; Fig 272; 200pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX Sequence 323 AA;

SQ Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSIMVVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLFESSLSKMSYLMQMRNSQAHRNFLEDGESDGFRLCISLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLFESSLSKMSYLMQMRNSQAHRNFLEDGESDGFRLCISLNSGW 240
QY 241 ILTTILVLSVMVLLIWCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
DB 241 ILTTILVLSVMVLLIWCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 76

ADB28373

ID ADB28373 standard; protein; 323 AA.

XX

AC ADB28373;

XX

DT 20-NOV-2003 (first entry)

XX

DB Human PRO polypeptide #136.

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX

OS Homo sapiens.

XX

PN US2003082699-A1.

XX

PD 01-MAY-2003.

XX

PF 22-APR-2002; 2002US-00127851.

XX

PR 17-JUN-1998; 98US-0089599P.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 30-NOV-1999; 99WO-US028313.

PR 30-MAR-2000; 2000WO-US008439.

PR

PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-777202/73.
DR N-PSDB; ADB28372.
XX
PT New PRO nucleic acid, useful for preparing a composition for treating
PT e.g., tumor or for tissue typing.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
SQ Sequence 323 AA;

Query Match
Best Local Similarity 100.0%; Score 1694; DB 7; Length 323;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQLGIPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
DB |||||
QY 1 MAAPKGLWRTQLGIPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
DB |||||
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQMQ 120
DB |||||
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQMQ 120
DB |||||
QY 121 LPPAELRQELMSLMPKXHLFFLLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB |||||
QY 121 LPPAELRQELMSLMPKXHLFFLLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB |||||
QY 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLMQNSQAHNFLEDGESDGLRCLSLNSGW 240
DB |||||
QY 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLMQNSQAHNFLEDGESDGLRCLSLNSGW 240
DB |||||

QY 241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB |||||
QY 241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB |||||
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB |||||
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB |||||

RESULT 77

ADB28925
ID ADB28925 standard; protein; 323 AA.

XX
AC ADB28925;

XX
DT 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.

XX US2003082706-A1.

XX 01-MAY-2003.

PF 24-APR-2002; 2002US-00131836.

XX 09-DEC-1999; 99US-0170262P.

PR 10-NOV-2000; 2000WO-US030873.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E;
PI Gao W, Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-777203/73.

DR N-PSDB; ADB28924.

PT New PRO nucleic acid, useful for preparing a composition for treating
PT e.g., tumor or for tissue typing.

PS Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or

antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems,
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
the USPTO website at seqdata.uspto.gov.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRLTGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGLWVRLTGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLQADDGKIVIP 180
121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLQADDGKIVIP 180
181 QSKPEIOYAPHLEQPTNLRSSLSKMSYIQMENSQAHRNPLEDGSDFGLRCLSLNSGW 240
181 QSKPEIOYAPHLEQPTNLRSSLSKMSYIQMENSQAHRNPLEDGSDFGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 78

ADA76877

ADA76877 standard; protein; 323 AA.

ADA76877;

20-NOV-2003 (first entry)

Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US2003059909-A1.

XX 27-MAR-2003.
PD 10-MAY-2002; 2002US-00143032.
XX 31-MAR-1997; 97WO-US005230.
XX 12-JUN-1998; 98WO-US012456.
XX 14-JUL-1998; 98WO-US014552.
XX 28-AUG-1998; 98WO-US017888.
XX 10-SEP-1998; 98WO-US018824.
XX 14-SEP-1998; 98WO-US019093.
XX 14-SEP-1998; 98WO-US019094.
XX 14-SEP-1998; 98WO-US019177.
XX 16-SEP-1998; 98WO-US019330.
XX 17-SEP-1998; 98WO-US019437.
XX 07-OCT-1998; 98WO-US021141.
XX 29-OCT-1998; 98WO-US022991.
XX 29-OCT-1998; 98WO-US022992.
XX 20-NOV-1998; 98WO-US024855.
XX 01-DEC-1998; 98WO-US025108.
XX 05-JAN-1999; 99WO-US000106.
XX 08-MAR-1999; 99WO-US005028.
XX 10-MAR-1999; 99WO-US005190.
XX 20-APR-1999; 99WO-US008615.
XX 14-MAY-1999; 99WO-US010733.
XX 02-JUN-1999; 99WO-US012252.
XX 01-SEP-1999; 99WO-US020111.
XX 08-SEP-1999; 99WO-US020594.
XX 13-SEP-1999; 99WO-US020944.
XX 15-SEP-1999; 99WO-US021090.
XX 15-SEP-1999; 99WO-US021547.
XX 05-OCT-1999; 99WO-US023089.
XX 29-NOV-1999; 99WO-US028214.
XX 30-NOV-1999; 99WO-US028313.
XX 30-NOV-1999; 99WO-US028409.
XX 01-DEC-1999; 99WO-US028301.
XX 01-DEC-1999; 99WO-US028634.
XX 02-DEC-1999; 99WO-US028551.
XX 02-DEC-1999; 99WO-US028564.
XX 02-DEC-1999; 99WO-US028565.
XX 16-DEC-1999; 99WO-US030095.
XX 20-DEC-1999; 99WO-US030911.
XX 20-DEC-1999; 99WO-US030999.
XX 22-DEC-1999; 99WO-US030720.
XX 30-DEC-1999; 99WO-US031243.
XX 30-DEC-1999; 99WO-US031274.
XX 05-JAN-2000; 2000WO-US000219.
XX 06-JAN-2000; 2000WO-US000277.
XX 06-JAN-2000; 2000WO-US000376.
XX 11-FEB-2000; 2000WO-US003565.
XX 18-FEB-2000; 2000WO-US004341.
XX 18-FEB-2000; 2000WO-US004342.
XX 22-FEB-2000; 2000WO-US004414.
XX 24-FEB-2000; 2000WO-US004914.
XX 24-FEB-2000; 2000WO-US005004.
XX 01-MAR-2000; 2000WO-US005601.
XX 02-MAR-2000; 2000WO-US005746.
XX 02-MAR-2000; 2000WO-US005841.
XX 10-MAR-2000; 2000WO-US006319.
XX 15-MAR-2000; 2000WO-US006884.
XX 20-MAR-2000; 2000WO-US007377.
XX 21-MAR-2000; 2000WO-US007532.
XX 30-MAR-2000; 2000WO-US008439.
XX 17-MAY-2000; 2000WO-US013705.
XX 22-MAY-2000; 2000WO-US014042.
XX 30-MAY-2000; 2000WO-US014941.
XX 02-JUN-2000; 2000WO-US015264.
XX 28-JUL-2000; 2000WO-US020710.
XX 11-AUG-2000; 2000WO-US022031.
XX 23-AUG-2000; 2000WO-US023522.
XX 24-AUG-2000; 2000WO-US023328.
XX 08-NOV-2000; 2000WO-US030952.
XX 10-NOV-2000; 2000WO-US030873.

PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
XX
PA (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-540684/51.
DR N-PSDB; ADA76876.

XX New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.

PS Claim 12; Fig 272; 660pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSIMVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ 120
Db 61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFNSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFNSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOWNSQAHRNFDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOWNSQAHRNFDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 79

ADA88507
ID ADA88507 standard; protein; 323 AA.
XX
AC ADA88507;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS
XX
XX US2003073213-A1.
XX
XX 17-APR-2003.
XX
XX 17-APR-2002; 2002US-00124819.
XX
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 18-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 22-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.

PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart FA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

WPI; 2003-743816/70.
N-PSDB; ADA88506.

New secreted and transmembrane PRO polypeptides and nucleic acids, useful in gene therapy, detecting the presence of tumor in a mammal, or modulating the uptake of glucose or free fatty acid by skeletal muscle cells or adipocyte cells.

Claim 12; Fig 272; 659pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSIMVVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 80
ADA97512
ID ADA97512 standard; protein; 323 AA.

XX AC ADA97512;

XX DT 20-NOV-2003 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX KW liver; microvascular endothelial cell; glucose; FFA;

XX KW skeletal muscle cell; adipocyte cell; pericyte cell;

XX KW inner ear utricular supporting cell; T-lymphocyte cell;

XX KW endothelial cell tube formation; bone disorder; cartilage disorder;

XX KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003082686-A1.

XX PD 01-MAY-2003.

XX PF 19-APR-2002; 2002US-00125926.

XX PR 05-JUN-2000; 2000US-0209832P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX DR WPI; 2003-755106/71.

XX DR N-PSDB; ADA97511.

XX PT Isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or

XX PT PRO4978, useful in molecular biology, chromosome and gene mapping, in

XX PT generating antisense RNA and DNA, and in gene therapy.

XX PS Claim 12; Fig 272; 666pp; English.

XX XX

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

DB 1 MAAPKGSIMVVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120

DB 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

DB 121 LPFAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

DB 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300

DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 81

ADB27269

ID ADB27269 standard; protein; 323 AA.

XX AC ADB27269;

XX DT 20-NOV-2003 (first entry)

XX XX

Human PRO polypeptide #136.
Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
Homo sapiens.
US20030222339-A1.
30-JAN-2003.
12-APR-2002; 2002US-00121049.
18-JUN-1997; 97US-0049911P.
26-AUG-1997; 97US-0056974P.
17-SEP-1997; 97US-0059113P.
17-SEP-1997; 97US-0059115P.
17-SEP-1997; 97US-0059117P.
17-SEP-1997; 97US-0059122P.
17-SEP-1997; 97US-0059184P.
18-SEP-1997; 97US-0059283P.
19-SEP-1997; 97US-0059352P.
19-SEP-1997; 97US-0059588P.
24-SEP-1997; 97US-0059836P.
17-OCT-1997; 97US-0062250P.
17-OCT-1997; 97US-0062285P.
17-OCT-1997; 97US-0062287P.
17-OCT-1997; 97US-0063755P.
24-OCT-1997; 97US-0062814P.
24-OCT-1997; 97US-0062816P.
24-OCT-1997; 97US-0063045P.
24-OCT-1997; 97US-0063082P.
24-OCT-1997; 97US-0063127P.
27-OCT-1997; 97US-0063327P.
27-OCT-1997; 97US-0063329P.
28-OCT-1997; 97US-0063550P.
28-OCT-1997; 97US-0063561P.
29-OCT-1997; 97US-0063704P.
29-OCT-1997; 97US-0063733P.
29-OCT-1997; 97US-0063735P.
29-OCT-1997; 97US-0063738P.
03-NOV-1997; 97US-0064248P.
07-NOV-1997; 97US-0064809P.
12-NOV-1997; 97US-0065186P.
17-NOV-1997; 97US-0065846P.
21-NOV-1997; 97US-0066364P.
24-NOV-1997; 97US-0066453P.
24-NOV-1997; 97US-0066511P.
24-NOV-1997; 97US-0066770P.
11-DEC-1997; 97US-0069212P.
11-DEC-1997; 97US-0069278P.
11-DEC-1997; 97US-0069334P.
16-DEC-1997; 97US-0069694P.
23-JAN-1998; 98US-0072320P.
04-FEB-1998; 98US-0073612P.
09-FEB-1998; 98US-0074086P.
09-FEB-1998; 98US-0074092P.
12-MAR-1998; 98US-0077791P.
20-MAR-1998; 98US-0078910P.
25-MAR-1998; 98US-0079294P.
27-MAR-1998; 98US-0079663P.
27-MAR-1998; 98US-0079728P.
31-MAR-1998; 98US-0080165P.
09-APR-1998; 98US-0081229P.
14-APR-1998; 98US-0081695P.

15-APR-1998; 98US-0081817P.
15-APR-1998; 98US-0081818P.
24-APR-1998; 98US-0082999P.
28-APR-1998; 98US-0083322P.
29-APR-1998; 98US-0083545P.
07-MAY-1998; 98US-0084600P.
07-MAY-1998; 98US-0084627P.
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13-MAY-1998; 98US-0085323P.
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13-MAY-1998; 98US-0085339P.
15-MAY-1998; 98US-0085579P.
15-MAY-1998; 98US-0085697P.
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22-MAY-1998; 98US-0086414P.
22-MAY-1998; 98US-0086430P.
28-MAY-1998; 98US-0087106P.
04-JUN-1998; 98US-0088026P.
10-JUN-1998; 98US-0088730P.
10-JUN-1998; 98US-0088741P.
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12-JUN-1998; 98WO-US012456.
17-JUN-1998; 98US-0089532P.
17-JUN-1998; 98US-0089599P.
18-JUN-1998; 98US-0089907P.
19-JUN-1998; 98US-0089947P.
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24-JUN-1998; 98US-0090429P.
24-JUN-1998; 98US-0090445P.
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26-JUN-1998; 98US-0090863P.
01-JUL-1998; 98US-0091360P.
02-JUL-1998; 98US-0091519P.
07-JUL-1998; 98US-0091982P.
14-JUL-1998; 98WO-US014552.
20-JUL-1998; 98US-0093339P.
30-JUL-1998; 98US-0094651P.
04-AUG-1998; 98US-0095285P.
04-AUG-1998; 98US-0095301P.
04-AUG-1998; 98US-0095302P.
04-AUG-1998; 98US-0095325P.
11-AUG-1998; 98US-0096143P.
11-AUG-1998; 98US-0096146P.
12-AUG-1998; 98US-0096329P.
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17-AUG-1998; 98US-0096895P.
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28-AUG-1998; 98WO-US017888.
31-AUG-1998; 98US-0098525P.
01-SEP-1998; 98US-0098750P.
09-SEP-1998; 98US-0099536P.
09-SEP-1998; 98US-0099598P.
09-SEP-1998; 98US-0099601P.
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10-SEP-1998; 98WO-US018824.
14-SEP-1998; 98US-0100262P.
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14-SEP-1998; 98WO-US019093.
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14-SEP-1998; 98WO-US019177.
15-SEP-1998; 98US-0100390P.
16-SEP-1998; 98US-0100634P.

PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98US-0100710P.
PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98WO-US019437.
PR 23-SEP-1998; 98US-0101474P.
PR 23-SEP-1998; 98US-0101477P.
PR 24-SEP-1998; 98US-0101741P.
PR 07-OCT-1998; 98US-0103315P.
PR 07-OCT-1998; 98US-0103328P.
PR 07-OCT-1998; 98WO-US021141.
PR 13-OCT-1998; 98US-0104080P.
PR 20-OCT-1998; 98US-0104987P.
PR 22-OCT-1998; 98US-0105169P.
PR 28-OCT-1998; 98US-0106030P.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 30-OCT-1998; 98US-0106464P.
PR 03-NOV-1998; 98US-0106856P.
PR 03-NOV-1998; 98US-0106934P.
PR 10-NOV-1998; 98US-0107783P.
PR 17-NOV-1998; 98US-0108775P.
PR 17-NOV-1998; 98US-0108801P.
PR 17-NOV-1998; 98US-0108802P.
PR 17-NOV-1998; 98US-0108925P.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 15-DEC-1998; 98US-0112743P.
PR 16-DEC-1998; 98US-0112850P.
PR 22-DEC-1998; 98US-0113296P.
PR 22-DEC-1998; 98US-0113299P.
PR 22-DEC-1998; 98US-0113300P.
PR 22-DEC-1998; 98US-0113313P.
PR 22-DEC-1998; 98US-0113314P.
PR 22-DEC-1998; 98US-0113315P.
PR 22-DEC-1998; 98US-0113510P.
PR 22-DEC-1998; 98US-0113511P.
PR 23-DEC-1998; 98US-0113605P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 12-JAN-1999; 99US-0115549P.
PR 12-JAN-1999; 99US-0115557P.
PR 12-JAN-1999; 99US-0115560P.
PR 12-JAN-1999; 99US-0115562P.
PR 12-JAN-1999; 99US-0115564P.
PR 12-JAN-1999; 99US-0115630P.
PR 12-JAN-1999; 99US-0115705P.
PR 12-JAN-1999; 99US-0115733P.

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVETQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVETQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBEELYACQRCGLRFLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120
DB 61 YPKBEELYACQRCGLRFLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120
QY 121 LPFAELRQEQILMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIP 180
DB 121 LPFAELRQEQILMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIP 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHHEAGPLPTKYNLAHSEI 323
DB 301 SKTEDHHEAGPLPTKYNLAHSEI 323
RESULT 82
ADB22202
ID ADB22202 standard; protein; 323 AA.
XX AC ADB22202;
XX DT 20-NOV-2003 (first entry)
DE Novel human secreted and transmembrane protein PRO195.
XX KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
XX gene therapy; chromosome identification; chromosome marker.
OS Homo sapiens.
XX US2003087344-A1.
XX 08-MAY-2003.
PF 16-APR-2002; 2002US-00123905.
XX 18-JUN-1997; 97US-0049911P.
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PR 17-SEP-1997; 97US-0059113P.
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PR 17-SEP-1997; 97US-0059122P.
PR 17-SEP-1997; 97US-0059184P.
PR 18-SEP-1997; 97US-0059263P.
PR 19-SEP-1997; 97US-0059352P.
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PR 24-OCT-1997; 97US-0063045P.
PR 24-OCT-1997; 97US-0063082P.
PR 24-OCT-1997; 97US-0063127P.
PR 27-OCT-1997; 97US-0063327P.
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PR 23-JAN-1998; 98US-0072320P.

PR 04-FEB-1998; 98US-0073612P.
PR 09-FEB-1998; 98US-0074086P.
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PR 07-MAY-1998; 98US-0084600P.
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PR 12-MAY-1998; 98US-0085149P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
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PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085697P.
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PR 22-MAY-1998; 98US-0086414P.
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PR 04-JUN-1998; 98US-0088026P.
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PR 11-JUN-1998; 98US-0088858P.
PR 12-JUN-1998; 98WO-US012456.
PR 17-JUN-1998; 98US-0089532P.
PR 17-JUN-1998; 98US-0089599P.
PR 18-JUN-1998; 98US-0089907P.
PR 19-JUN-1998; 98US-0089947P.
PR 23-JUN-1998; 98US-0090349P.
PR 24-JUN-1998; 98US-0090445P.
PR 24-JUN-1998; 98US-0090538P.
PR 26-JUN-1998; 98US-0090863P.
PR 01-JUL-1998; 98US-0091360P.
PR 02-JUL-1998; 98US-0091519P.
PR 07-JUL-1998; 98US-0091982P.
PR 14-JUL-1998; 98WO-US014552.
PR 20-JUL-1998; 98US-0093339P.
PR 30-JUL-1998; 98US-0094651P.
PR 04-AUG-1998; 98US-0095285P.
PR 04-AUG-1998; 98US-0095301P.
PR 04-AUG-1998; 98US-0095302P.
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PR 31-AUG-1998; 98US-0098525P.
PR 01-SEP-1998; 98US-0098750P.
PR 09-SEP-1998; 98US-0099536P.
PR 09-SEP-1998; 98US-0099598P.
PR 09-SEP-1998; 98US-0099601P.

PR 10-SEP-1998; 98US-0099792P.
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PR 10-SEP-1998; 98WO-US018824.
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PR 15-SEP-1998; 98US-0100390P.
PR 16-SEP-1998; 98US-0100634P.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98US-0100710P.
PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98WO-US019437.
PR 23-SEP-1998; 98US-0101474P.
PR 23-SEP-1998; 98US-0101477P.
PR 24-SEP-1998; 98US-0101741P.
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PR 07-OCT-1998; 98WO-US021141.
PR 13-OCT-1998; 98US-0104080P.
PR 20-OCT-1998; 98US-0104987P.
PR 22-OCT-1998; 98US-0105169P.
PR 28-OCT-1998; 98US-0106030P.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 30-OCT-1998; 98US-0106464P.
PR 03-NOV-1998; 98US-0106856P.
PR 03-NOV-1998; 98US-0106934P.
PR 10-NOV-1998; 98US-0107783P.
PR 17-NOV-1998; 98US-0108775P.
PR 17-NOV-1998; 98US-0108801P.
PR 17-NOV-1998; 98US-0108802P.
PR 17-NOV-1998; 98US-0108925P.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 15-DEC-1998; 98US-0112743P.
PR 16-DEC-1998; 98US-0112850P.
PR 22-DEC-1998; 98US-0113296P.
PR 22-DEC-1998; 98US-0113299P.
PR 22-DEC-1998; 98US-0113300P.
PR 22-DEC-1998; 98US-0113313P.
PR 22-DEC-1998; 98US-0113314P.
PR 22-DEC-1998; 98US-0113315P.
PR 22-DEC-1998; 98US-0113510P.
PR 22-DEC-1998; 98US-0113511P.
PR 23-DEC-1998; 98US-0113605P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 12-JAN-1999; 99US-0115549P.
PR 12-JAN-1999; 99US-0115557P.
PR 12-JAN-1999; 99US-0115560P.
PR 12-JAN-1999; 99US-0115562P.
PR 12-JAN-1999; 99US-0115564P.
PR 12-JAN-1999; 99US-0115630P.
PR 12-JAN-1999; 99US-0115705P.
PR 12-JAN-1999; 99US-0115733P.
PR 20-JAN-1999; 99US-0116533P.
PR 01-FEB-1999; 99US-0118210P.

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSIMVWRTQLGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRACQTYPLHT 60
Db 1 MAAPKGSIMVWRTQLGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRACQTYPLHT 60
Qy 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ 120

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-695925/66.

DR N-PSDB; ADA66892.

XX Novel secreted and transmembrane PRO polypeptides useful for stimulating

PT release of tumor necrosis factor-alpha from human blood and detecting the

PT presence of a tumor in a mammal.

XX Claim 12; Fig 272; 660pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumor necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumor in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC USPTO at seqdata.uspto.gov/sequence.html.

XX Query Match 100.0%; Score 1694; DB 7; Length 323;

XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;

XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

2b 1 MAAPKGSLSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

2y 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCCNQ 120

2b 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCCNQ 120

2y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADGKIVIP 180

2b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADGKIVIP 180

2y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240

2b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240

2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 84

ADB22754

ID ADB22754 standard; protein; 323 AA.

XX ADB22754;

AC ADB22754;

DT 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

DE Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX Homo sapiens.

OS US2003077711-A1.

XX 24-APR-2003.

PD 22-APR-2002; 2002US-00127829.

PF 22-OCT-1998; 98US-0105169P.

XX 01-SEP-1999; 99WO-US020111.

PR 18-OCT-1999; 99US-00403297.

PR 30-NOV-1999; 99WO-US028313.

PR 18-FEB-2000; 2000WO-US004342.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-755066/71.

DR N-PSDB; ADB22753.

XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful

PT in gene therapy, as diagnostic markers for the presence of a disease

PT condition, or as therapeutic targets for treating tumors, diabetes,

PT obesity or arthritis.

XX Claim 12; Fig 272; 637pp; English.

PS The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db |||||
QY 61 YPKEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
Db |||||
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db |||||
QY 181 QSKPEIQYAPHLBQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db |||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPEKLSIYGLEFNEQKLNRYPASSLVVVR 300
Db |||||
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db |||||

RESULT 85
ADB23527
ID ADB23527 standard; protein; 323 AA.
AC ADB23527;
XX 20-NOV-2003 (first entry)
DT Human PRO polypeptide SEQ ID NO 272.
DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.
OS US2003077712-A1.
PN 24-APR-2003.
XX 22-APR-2002; 2002US-00127835.
PF 20-OCT-1998; 98US-0104987P.
PR 01-SEP-1999; 99WO-US020111.
PR 18-OCT-1999; 99US-00403297.
PR 18-FEB-2000; 2000WO-US004342.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
DR WPI; 2003-755067/71.
DR N-PSDB; ADB23526.
XX New isolated, secreted and transmembrane PRO nucleic acid, useful for the
PT diagnosis, prevention and/or treatment of tumors, such as lung, colon,
PT breast, prostate, rectal, cervical and/or liver tumors.
XX Claim 12; Fig 272; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Db 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCQNQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCQNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDESGDFLRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDESGDFLRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 86
ADA92249
ID ADA92249 standard; protein; 323 AA.
XX
AC ADA92249;
XX
DT 20-NOV-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
FN US2003082712-A1.
XX
PD 01-MAY-2003.
XX
PF 16-MAY-2002; 2002US-00147512.
XX
PR 15-MAY-1998; 98US-0085697P.
PR 08-MAR-1999; 99WO-US005028.
PR 25-AUG-1999; 99US-00380138.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-786915/74.
DR N-PSDB; ADA92248.
XX
PT New PRO nucleic acid, useful for preparing a composition for treating
PT e.g., tumor or for tissue typing.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from BMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCQNQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCQNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDESGDFLRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDESGDFLRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 87
ADB15312
ID ADB15312 standard; protein; 323 AA.
XX
AC ADB15312;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
XX immune system cell infiltration.

OS Homo sapiens.

XX US2003087352-A1.

XX 08-MAY-2003.

XX 22-APR-2002; 2002US-00127824.

XX 17-AUG-1998; 98US-0096891P.

XX 02-JUN-1999; 99WO-US012252.

XX 25-AUG-1999; 99US-00380137.

XX 30-MAR-2000; 2000WO-US008439.

XX 30-MAY-2000; 2000WO-US014941.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-786943/74.

XX N-PSDB; ADB15311.

XX New PRO nucleic acid, useful for producing a recombinant PRO polypeptide
XX and for manufacturing a medicament for diagnosing or treating tumor.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumor necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassaemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;			
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1	MAAPKGSINVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
DB	1	MAAPKGSINVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
QY	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ	120
DB	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ	120
QY	121	LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
DB	121	LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
QY	181	QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW	240
DB	181	QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW	240
QY	241	ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYDLEFPMNEQKLNRYPASSLVVVR	300
DB	241	ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYDLEFPMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323
DB	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 88

ADB38564

ID ADB38564 standard; protein; 323 AA.

XX ADB38564;

XX 04-DEC-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;
XX Tumour necrosis factor alpha release; TNF-alpha release;
XX glucose uptake modulator; FFA uptake modulator;
XX cell proliferation stimulator; cell differentiation stimulator;
XX cell differentiation inhibitor; cytokine release stimulator;
XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
XX cervical tumour; liver tumour; chromosome mapping; gene mapping;
XX gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

XX OS US2003082766-A1.

XX 01-MAY-2003.

XX 30-MAY-2002; 2002US-00158782.

XX 31-MAR-1997; 97WO-US005230.

XX 12-JUN-1998; 98WO-US012456.

XX 14-JUL-1998; 98WO-US014552.

XX 28-AUG-1998; 98WO-US017888.

XX 10-SEP-1998; 98WO-US018824.

XX 14-SEP-1998; 98WO-US019093.

XX 14-SEP-1998; 98WO-US019094.

XX 16-SEP-1998; 98WO-US019330.

XX 17-SEP-1998; 98WO-US019437.

XX 07-OCT-1998; 98WO-US021141.

XX 29-OCT-1998; 98WO-US022991.

XX 29-OCT-1998; 98WO-US022992.

XX 20-NOV-1998; 98WO-US024855.

XX 01-DEC-1998; 98WO-US025108.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 10-MAR-1999; 99WO-US005190.

PR	20-APR-1999;	99WO-US008615;
PR	14-MAY-1999;	99WO-US010733;
PR	02-JUN-1999;	99WO-US012252;
PR	01-SEP-1999;	99WO-US020111;
PR	08-SEP-1999;	99WO-US020594;
PR	13-SEP-1999;	99WO-US020944;
PR	15-SEP-1999;	99WO-US021090;
PR	15-SEP-1999;	99WO-US021547;
PR	05-OCT-1999;	99WO-US023089;
PR	29-NOV-1999;	99WO-US028214;
PR	30-NOV-1999;	99WO-US028313;
PR	30-NOV-1999;	99WO-US028409;
PR	01-DEC-1999;	99WO-US028301;
PR	01-DEC-1999;	99WO-US028634;
PR	02-DEC-1999;	99WO-US028551;
PR	02-DEC-1999;	99WO-US028564;
PR	02-DEC-1999;	99WO-US028565;
PR	16-DEC-1999;	99WO-US030095;
PR	20-DEC-1999;	99WO-US030911;
PR	20-DEC-1999;	99WO-US030999;
PR	22-DEC-1999;	99WO-US030720;
PR	30-DEC-1999;	99WO-US031243;
PR	30-DEC-1999;	99WO-US031274;
PR	05-JAN-2000;	2000WO-US000219;
PR	06-JAN-2000;	2000WO-US000277;
PR	06-JAN-2000;	2000WO-US000376;
PR	11-FEB-2000;	2000WO-US003565;
PR	18-FEB-2000;	2000WO-US004341;
PR	18-FEB-2000;	2000WO-US004342;
PR	22-FEB-2000;	2000WO-US004414;
PR	24-FEB-2000;	2000WO-US004914;
PR	24-FEB-2000;	2000WO-US005004;
PR	01-MAR-2000;	2000WO-US005601;
PR	02-MAR-2000;	2000WO-US005746;
PR	02-MAR-2000;	2000WO-US005841;
PR	10-MAR-2000;	2000WO-US005319;
PR	15-MAR-2000;	2000WO-US006884;
PR	20-MAR-2000;	2000WO-US007377;
PR	21-MAR-2000;	2000WO-US007532;
PR	30-MAR-2000;	2000WO-US008439;
PR	17-MAY-2000;	2000WO-US013705;
PR	22-MAY-2000;	2000WO-US014042;
PR	30-MAY-2000;	2000WO-US014941;
PR	02-JUN-2000;	2000WO-US015264;
PR	28-JUL-2000;	2000WO-US020710;
PR	11-AUG-2000;	2000WO-US022031;
PR	23-AUG-2000;	2000WO-US023328;
PR	24-AUG-2000;	2000WO-US023328;
PR	08-NOV-2000;	2000WO-US030952;
PR	10-NOV-2000;	2000WO-US030873;
PR	01-DEC-2000;	2000WO-US032678;
PR	20-DEC-2000;	2000US-00747259;
PR	20-DEC-2000;	2000WO-US034956;
PR	28-FEB-2001;	2001US-00796498;
PR	28-FEB-2001;	2001WO-US006520;
PR	01-MAR-2001;	2001WO-US006666;
PR	09-MAR-2001;	2001US-0082706;
PR	14-MAR-2001;	2001US-00808689;
PR	22-MAR-2001;	2001US-00816744;
PR	05-APR-2001;	2001US-00828366;
PR	10-MAY-2001;	2001US-00854208;
PR	10-MAY-2001;	2001US-00854280;
PR	18-MAY-2001;	2001US-00860216;
PR	25-MAY-2001;	2001US-00866028;
PR	25-MAY-2001;	2001US-00866034;
PR	25-MAY-2001;	2001WO-US017092;
PR	01-JUN-2001;	2001US-00872035;
PR	01-JUN-2001;	2001WO-US017800;
PR	05-JUN-2001;	2001US-00874503;
PR	14-JUN-2001;	2001US-00882636;
PR	19-JUN-2001;	2001US-00886342;
PR	20-JUN-2001;	2001US-00891692;
PR	21-JUN-2001;	2001US-00887879;

22-JUN-2001; 2001WO-US020116.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908927.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.
XX
XX
(GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-786921/74.
DR N-PSDB; ADB38563.
XX
PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful
PT in gene therapy, detecting the presence of tumor in a mammal, or
PT modulating the uptake of glucose or free fatty acid by skeletal muscle
PT cells or adipocyte cells.

Sequence 323 AA:

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	MAAPKGSIMVVRTQGLPPLILLTWMALAGSGGTASAAFDVSLGDTASCHRACOLTYPLHET	60
DB	1	MAAPKGSIMVVRTQGLPPLILLTWMALAGSGGTASAAFDVSLGDTASCHRACOLTYPLHET	60
QY	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ	120
DB	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ	120
QY	121	LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTSSWTFYLOADDGKIVIF	180
DB	121	LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTSSWTFYLOADDGKIVIF	180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLVQMRNSQAHNFLEEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLVQMRNSQAHNFLEEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 89
ADB38012
ID ADB38012 standard; protein; 323 AA.
XX
AC ADB38012;
XX
DT 04-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
PN US2003087347-A1.
XX
PD 08-MAY-2003.
XX
PF 19-APR-2002; 2002US-00125921.
XX
PR 17-AUG-1998; 98US-0096791P.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380137.
PR 30-MAR-2000; 2000WO-US008439.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-786938/74.
DR N-PSDB; ADB38011.
XX

PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide
PT and for manufacturing a medicament for diagnosing or treating tumor.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PMBC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLQGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRACTYPLHT 60
Db 1 MAAPKGSLSWVRLQGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRACTYPLHT 60
QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLCQMQ 120
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLCQMQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLVQMRNSQAHNFLEEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLVQMRNSQAHNFLEEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 90
ADB66484
ID ADB66484 standard; protein; 323 AA.
XX
AC ADB66484;
XX
DT 04-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
PN US2003082689-A1.
XX
PD 01-MAY-2003.

KX 22-APR-2002; 2002US-00127831.
PP 31-MAR-1997; 97WO-US005230.
KX 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004114.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.

PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-786905/74.
XX N-PSDB; ADB66483.
PT New PRO nucleic acid, useful for preparing a composition for treating
XX e.g. tumor or for tissue typing.
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumor in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCONQ 120

Qy 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 91
ADB89564

ID ADB89564 standard; protein; 323 AA.

XX AC ADB89564;

XX DT 04-DEC-2003 (first entry)

XX DE Human PRO polypeptide #136.

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX OS Homo sapiens.

XX US2003082698-A1.

XX PD 01-MAY-2003.

XX PF 22-APR-2002; 2002US-00127850.

XX PR 20-AUG-1998; 98US-0097218P.

XX PR 02-JUN-1999; 99WO-US012252.

XX PR 25-AUG-1999; 99US-00380137.

XX PR 02-MAR-2000; 2000WO-US005841.

XX PR 30-MAR-2000; 2000WO-US008439.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-743896/70.
DR N-PSDB; ADB89563.

XX PT New PRO nucleic acids and encoded polypeptides, useful in the treatment
PT of cancer.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCONQ 120

Qy 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 92
ADB90296
ID ADB90296 standard; protein; 323 AA.
XX
AC ADB90296;
XX
XT 04-DEC-2003 (first entry)
XX
XE Human PRO polypeptide #136.
CX
CW Human; PRO; secreted polypeptide; transmembrane polypeptide;
CW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
CW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
CW liver; microvascular endothelial cell; glucose; PFA;
CW skeletal muscle cell; adipocyte cell; pericyte cell;
CW inner ear utricular supporting cell; T-lymphocyte cell;
CW endothelial cell tube formation; bone disorder; cartilage disorder;
CW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
CW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
CW immune system cell infiltration.
CX
XS Homo sapiens.
CX
XN US2003082762-A1.
CX
XD 01-MAY-2003.
CX
XF 15-APR-2002; 2002US-00123235.
CX
XR 31-MAR-1997; 97WO-US005230.
XR 12-JUN-1998; 98WO-US012456.
XR 14-JUL-1998; 98WO-US014552.
XR 28-AUG-1998; 98WO-US017888.
XR 10-SEP-1998; 98WO-US018824.
XR 14-SEP-1998; 98WO-US019093.
XR 14-SEP-1998; 98WO-US019094.
XR 14-SEP-1998; 98WO-US019177.
XR 16-SEP-1998; 98WO-US019330.
XR 17-SEP-1998; 98WO-US019437.
XR 07-OCT-1998; 98WO-US021141.
XR 29-OCT-1998; 98WO-US022991.
XR 29-OCT-1998; 98WO-US022992.
XR 20-NOV-1998; 98WO-US024855.
XR 01-DEC-1998; 98WO-US025108.
XR 05-JAN-1999; 99WO-US000106.
XR 08-MAR-1999; 99WO-US005028.
XR 10-MAR-1999; 99WO-US005190.
XR 20-APR-1999; 99WO-US008615.
XR 14-MAY-1999; 99WO-US010733.
XR 02-JUN-1999; 99WO-US012252.
XR 01-SEP-1999; 99WO-US020111.
XR 08-SEP-1999; 99WO-US020594.
XR 13-SEP-1999; 99WO-US020944.
XR 15-SEP-1999; 99WO-US021090.
XR 15-SEP-1999; 99WO-US021547.
XR 05-OCT-1999; 99WO-US023089.
XR 29-NOV-1999; 99WO-US028214.
XR 30-NOV-1999; 99WO-US028313.
XR 30-NOV-1999; 99WO-US028409.
XR 01-DEC-1999; 99WO-US028301.
XR 01-DEC-1999; 99WO-US028634.
XR 02-DEC-1999; 99WO-US028551.
XR 02-DEC-1999; 99WO-US028564.
XR 02-DEC-1999; 99WO-US028565.
XR 16-DEC-1999; 99WO-US030095.
XR 20-DEC-1999; 99WO-US030911.
XR 20-DEC-1999; 99WO-US030999.
XR 22-DEC-1999; 99WO-US030720.
XR 30-DEC-1999; 99WO-US031243.
XR 30-DEC-1999; 99WO-US031274.
XR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
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PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
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PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-743899/70.
DR N-PSDB; ADB90295.
XX
PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful
PT in gene therapy, and in the detection and treatment of tumor in a mammal.
XX
PS Claim 12; Fig 272; 649pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for T-lymphocyte
CC the proliferation of inner ear utricular supporting cells and for treating
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db |||||
QY 61 YPKEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLCQNQ 120
Db |||||
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKLVIP 180
Db |||||
QY 181 QSKPEIQYAPHLBQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db |||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYGDLFNFNEQKLNRYPASSLVVVR 300
Db |||||
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db |||||

RESULT 93

ID ADB39397
ADB39397 standard; protein; 323 AA.

XX
AC ADB39397;

XX
DT 04-DEC-2003 (first entry)

XX
DE Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS US2003082764-A1.
PN 01-MAY-2003.
XX 03-MAY-2002; 2002US-00137868.
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.

20-MAR-2000; 2000WO-US007377.
21-MAR-2000; 2000WO-US007532.
30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
30-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US015264.
28-JUL-2000; 2000WO-US020710.
11-AUG-2000; 2000WO-US022031.
23-AUG-2000; 2000WO-US023522.
24-AUG-2000; 2000WO-US023328.
08-NOV-2000; 2000WO-US030952.
10-NOV-2000; 2000WO-US030873.
01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2000US-00747259.
20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001US-00796498.
28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006666.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00808689.
22-MAR-2001; 2001US-00816744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854280.
18-MAY-2001; 2001US-00860216.
25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
21-JUN-2001; 2001US-00887879.
22-JUN-2001; 2001WO-US020116.
29-JUN-2001; 2001WO-US021066.
09-JUL-2001; 2001WO-US021735.
18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-786919/74.
N-PSDB; ADB39396.

New secreted and transmembrane PRO polypeptide useful for detecting the presence of tumor in a mammal, or modulating the uptake of glucose or free fatty acid by skeletal muscle cells or adipocyte cells.

Claim 12; Fig 272; 659pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as a therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGTASAEFTSVLGDTSCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGTASAEFTSVLGDTSCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLPFLTVRSFWSMDMDSAQSPITSSWTFYLOADDEGKIIVF 180
|||
Db 121 LPFAELRQELMSLMPKMHLLPFLTVRSFWSMDMDSAQSPITSSWTFYLOADDEGKIIVF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFQNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFQNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 94

ADB73836

ID ADB73836 standard; protein; 323 AA.

XX AC ADB73836;

XX DT 04-DEC-2003 (first entry)

XX DE Human PRO polypeptide #49.

XX KW Human; PRO polypeptide; secreted protein; transmembrane protein;
XX cell death; neuropathy; neuropathy related disease;
XX KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;
XX KW chromosome mapping; gene mapping; genetic disorder; septic shock;
XX KW antibacterial; immunosuppressive; neuroprotective.

OS Homo sapiens.

XX US2003045462-A1.

XX PD 06-MAR-2003.

XX PF 16-OCT-2001; 2001US-00978608.

XX PF 17-OCT-1997; 97US-0062250P.

PR

PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
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PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083332P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.

PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087209P.
PR 26-JUN-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 12-APR-1999; 99US-0130232P.
PR 21-APR-1999; 99US-00284291.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
CX
PA (GETH) GENENTECH INC.
CX

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2Y 61 YPKKEELYACQRCGLFISICQFVDDGIDLNRTKLECESEACTRAYSQSDEQYACHLGCNQ 120
2b 61 YPKKEELYACQRCGLFISICQFVDDGIDLNRTKLECESEACTRAYSQSDEQYACHLGCNQ 120
2Y 121 LPFAELRQELMSLMPKXHLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
2b 121 LPFAELRQELMSLMPKXHLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
2Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGLRCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGLRCLSLNSGW 240
2Y 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLSEFMEQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLSEFMEQKLNRYPASSLVVVR 300
2Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 95
ADB47020
ID ADB47020 standard; protein; 323 AA.
AC ADB47020;
XX
XT 04-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;

KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
XX gene therapy; chromosome identification; chromosome marker.
OS Homo sapiens.
XX
XX US2003082687-A1.
XX 01-MAY-2003.
XX 19-APR-2002; 2002US-00125930.
XX 05-JUN-2000; 2000US-0209832P.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-786904/74.
DR N-PSDB; ADB47019.
XX
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
PS Claim 12; Fig 272; 627pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PMBC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
XX polypeptide.
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Dd |||||||
QY 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Dd |||||||
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Dd |||||||
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Dd |||||||
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
Dd |||||||
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
Dd |||||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFWMNEQKLNRYPASSLVVVR 300
Dd |||||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFWMNEQKLNRYPASSLVVVR 300
Dd |||||||
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Dd |||||||
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Dd |||||||

RESULT 96
ADB86627
ID ADB86627 standard; protein; 323 AA.
XX
AC ADB86627;
XX
DT 04-DEC-2003 (first entry)
XX
DE Human PRO polypeptide #136.
XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; r-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX

OS Homo sapiens.
XX
XX US2003082697-A1.
XX
XX 01-MAY-2003.
XX
XX 22-APR-2002; 2002US-00127849.
XX

PR 20-OCT-1998; 98US-0104987P.
PR 01-SEP-1999; 99WO-US020111.
PR 18-OCT-1999; 99US-00403297.
PR 18-FEB-2000; 2000WO-US004342.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
XX (GETH) GENENTECH INC.
XX
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2003-743895/70.
XX
XX N-PSDB; ADB86626.
XX
XX New secreted and transmembrane PRO polypeptides, useful in the diagnosis
XX and treatment of cancer.
XX
XX Claim 12; Fig 272; 637pp; English.
XX
XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or r-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Dd |||||||
Dd 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Dd |||||||
Dd 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Dd |||||||
Dd 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
Dd |||||||
Dd 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFWMNEQKLNRYPASSLVVVR 300
Dd |||||||
Dd 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFWMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Dd |||||||
Dd 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 97
ADB76552
ID ADB76552 standard; protein; 323 AA.
XX
AC ADB76552;
XX
DT 04-DEC-2003 (first entry)
XX
DE Human PRO polypeptide #49.

KX Human; PRO polypeptide; secreted protein; transmembrane protein;
KW cell death; neuropathy; neuropathy related disease;
KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;
KW Chromosome mapping; gene mapping; genetic disorder; septic shock;
KW antibacterial; immunosuppressive; neuroprotective.

KX Homo sapiens.

PN US2003083248-A1.

XX 01-MAY-2003.

XX 16-OCT-2001; 2001US-00978757.

PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.

PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0103304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2003-755118/71.
DR N-PSDB; ADB76551.
XX
PT New PRO polypeptides useful for treating peripheral neuropathy,
PT neuropathies associated with systemic disease such as post-polio syndrome
PT or AIDS-associated syndrome.
XX
PS Claim 12; Fig 132; 425pp; English.
XX
CC The present invention relates to the isolation of novel human PRO
CC polypeptides, and the polynucleotide sequences encoding them. The PRO
CC polypeptides are secreted and transmembrane proteins. The PRO
CC polypeptides are useful for detecting other PRO polypeptides, for linking
CC bioactive molecules to cells expressing PRO polypeptides, and for
CC biological activities of cells expressing PRO polypeptides, and for
CC identifying agonists or antagonists. The bioactive molecule maybe a
CC toxin, radiolabel or antibody, and cause cell death. The PRO polypeptides
CC are useful for treating neuropathy and neuropathy related diseases such
CC as Charcot-Marie-Tooth disorder, Refsum's disease, and Krabbe's disease.
CC The polynucleotide sequences encoding PRO polypeptides are useful as
CC hybridisation probes, in chromosome and gene mapping, in the generation

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLEWRTQLGLPPLLLTALACGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLEWRTQLGLPPLLLTALACGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLCQNQ 120
DB 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLCQNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLMRNSQAHNRNFDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLMRNSQAHNRNFDGESDGLRCLSLNSGW 240
QY 241 ILFTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
DB 241 ILFTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 98
ADB77232
ID ADB77232 standard; protein; 323 AA.
XX
AC ADB77232;
XX
DT 04-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
PN US2003082696-A1.
XX
PD 01-MAY-2003.
XX
PF 22-APR-2002; 2002US-00127848.
XX
PR 03-NOV-1998; 98US-0106934P.
PR 26-JUL-1999; 99US-0145698P.
PR 01-SEP-1999; 99WO-US020111.
PR 18-OCT-1999; 99US-00403297.
PR 05-JAN-2000; 2000WO-US000219.
PR 18-FEB-2000; 2000WO-US004342.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-755109/71.
DR N-PSDB; ADB77231.
XX
PT PRO nucleic acid, useful for preparing a composition for treating e.g.,
PT tumor or for tissue typing.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120

Qy 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQPTNLRESLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRESLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMLLWICCATVATAVEQYVPSEKLSIYDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMLLWICCATVATAVEQYVPSEKLSIYDLEFMEQKLNRYPASSLVVVR 300

Qy 301 SKTEDEHEAGPLPTKVNLHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLHSEI 323

PR 18-OCT-1999; 99US-00403297.
PR 30-NOV-1999; 99WO-US028313.
PR 18-FEB-2000; 2000WO-US004342.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-755072/71.
DR N-PSDB; ADB34388.
XX
PT New isolated, secreted and transmembrane PRO polypeptides and nucleic
PT acids, useful for the diagnosis, prevention and/or treatment of tumors,
PT such as lung, colon, breast, prostate, rectal, cervical and/or liver
PT tumors.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120

Qy 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 100
ADB35493
ID ADB35493 standard; protein; 323 AA.
XX AC ADB35493;
XX DT 04-DEC-2003 (first entry)
XX DE Human PRO polypeptide SEQ ID NO 272.
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX OS Homo sapiens.
XX PN US2003077719-A1.
XX PD 24-APR-2003.
XX PF 24-APR-2002; 2002US-00131824.
XX PR 09-FEB-1999; 99US-0119341P.
XX PR 01-DEC-1999; 99WO-US028634.
XX PR 01-DEC-2000; 2000WO-US032678.
XX PR 19-DEC-2001; 2001US-00028072.
XX PA (GETE) GENENTECH INC.
XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-755074/71.
XX DR N-PSDB; ADB35492.
XX PT New isolated, secreted and transmembrane PRO polypeptides and nucleic
XX acids, useful for the diagnosis, prevention and/or treatment of tumors,
XX such as lung, colon, breast, prostate, rectal, cervical and/or liver
XX tumors.
XX PS Claim 12; Fig 272; 637pp; English.
XX CC The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;
SQ Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSIMVWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDILNRKLECESACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKKEELYACQRCGLFSLICQFVDDGIDILNRKLECESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 101
ADB33837
ID ADB33837 standard; protein; 323 AA.
XX AC ADB33837;
XX DT 04-DEC-2003 (first entry)
XX DE Human PRO polypeptide SEQ ID NO 272.
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;

PR	10-MAR-1999;	99WO-US0005190.	PR	21-JUN-2001;	2001US-00887879.
PR	20-APR-1999;	99WO-US0008615.	PR	22-JUN-2001;	2001WO-US0201116.
PR	14-MAY-1999;	99WO-US010733.	PR	29-JUN-2001;	2001WO-US021066.
PR	02-JUN-1999;	99WO-US012252.	PR	09-JUL-2001;	2001WO-US021735.
PR	01-SEP-1999;	99WO-US020111.	PR	18-JUL-2001;	2001US-00908827.
PR	08-SEP-1999;	99WO-US020594.	PR	06-AUG-2001;	2001US-00924419.
PR	13-SEP-1999;	99WO-US020944.	PR	09-AUG-2001;	2001US-00927796.
PR	15-SEP-1999;	99WO-US021090.	PR	16-AUG-2001;	2001US-00931836.
PR	15-SEP-1999;	99WO-US021547.	PR	19-DEC-2001;	2001US-00028072.
PR	05-OCT-1999;	99WO-US023089.	XX		
PR	29-NOV-1999;	99WO-US028214.	PA	(GETH)	GENENTECH INC.
PR	30-NOV-1999;	99WO-US028313.	XX		
PR	30-NOV-1999;	99WO-US028409.	PI	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;	
PR	01-DEC-1999;	99WO-US028301.	PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;	
PR	01-DEC-1999;	99WO-US028634.	PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;	
PR	02-DEC-1999;	99WO-US028551.	XX		
PR	02-DEC-1999;	99WO-US028564.	DR	WPI; 2003-755073/71.	
PR	02-DEC-1999;	99WO-US028565.	DR	N-PSDB; ADB34940.	
PR	16-DEC-1999;	99WO-US030095.	XX		
PR	20-DEC-1999;	99WO-US030911.	PT	New isolated, secreted and transmembrane PRO polypeptides and nucleic	
PR	20-DEC-1999;	99WO-US030999.	PT	acids, useful for the diagnosis, prevention and/or treatment of tumors,	
PR	22-DEC-1999;	99WO-US030720.	PT	such as lung, colon, breast, prostate, rectal, cervical and/or liver	
PR	30-DEC-1999;	99WO-US031243.	PT	tumors.	
PR	30-DEC-1999;	99WO-US031274.	XX		
PR	05-JAN-2000;	2000WO-US000219.	PS	Claim 12; Fig 272; 638pp; English.	
PR	06-JAN-2000;	2000WO-US000277.	XX		
PR	06-JAN-2000;	2000WO-US000376.	CC	The invention relates to isolated human PRO polypeptides (secreted and	
PR	11-FEB-2000;	2000WO-US000365.	CC	transmembrane polypeptides) and the polynucleotides encoding them. The	
PR	18-FEB-2000;	2000WO-US004341.	CC	invention also relates to an antibody which specifically binds to a PRO	
PR	18-FEB-2000;	2000WO-US004342.	CC	polypeptide, a method for stimulating the release of tumour necrosis	
PR	22-FEB-2000;	2000WO-US004414.	CC	factor-alpha (TNF-alpha) from human blood, a method for stimulating the	
PR	24-FEB-2000;	2000WO-US004914.	CC	proliferation or differentiation of chondrocyte cells and a method for	
PR	01-MAR-2000;	2000WO-US005004.	CC	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,	
PR	02-MAR-2000;	2000WO-US005601.	CC	colon, breast, prostate, rectal, kidney, cervical and liver tumours). The	
PR	02-MAR-2000;	2000WO-US005746.	CC	polynucleotides are useful in molecular biology, including uses as	
PR	02-MAR-2000;	2000WO-US005841.	CC	hybridisation probes, in chromosome and gene mapping, in generating	
PR	10-MAR-2000;	2000WO-US006319.	CC	antisense RNA and DNA and in gene therapy. The polynucleotides may also	
PR	15-MAR-2000;	2000WO-US006884.	CC	be used in preparing PRO polypeptides by recombinant techniques and in	
PR	20-MAR-2000;	2000WO-US007377.	CC	generating either transgenic animals or knock-out animals which are	
PR	21-MAR-2000;	2000WO-US007532.	CC	useful in the development and screening of therapeutically useful	
PR	30-MAR-2000;	2000WO-US008439.	CC	reagents. The PRO polypeptides or antibodies are used in preparing a	
PR	17-MAY-2000;	2000WO-US013705.	CC	medicament for treating a condition responsive to the polypeptides or	
PR	22-MAY-2000;	2000WO-US014042.	CC	antibodies, such as tumours, for stimulating and inhibiting proliferation	
PR	30-MAY-2000;	2000WO-US014941.	CC	of human microvascular endothelial cells, for modulating the uptake of	
PR	02-JUN-2000;	2000WO-US015264.	CC	glucose or FFA by skeletal muscle cells or adipocyte cells, for	
PR	28-JUL-2000;	2000WO-US020710.	CC	stimulating differentiation of adipocyte cells, for stimulating	
PR	11-AUG-2000;	2000WO-US022031.	CC	proliferation of or gene expression in pericyte cells, for stimulating	
PR	23-AUG-2000;	2000WO-US023522.	CC	the proliferation of inner ear utricular supporting cells or T-lymphocyte	
PR	24-AUG-2000;	2000WO-US023328.	CC	cells, for inducing endothelial cell tube formation and for treating	
PR	08-NOV-2000;	2000WO-US030952.	CC	various bone and/or cartilage disorders such as sports injuries and	
PR	10-NOV-2000;	2000WO-US030873.	CC	arthritis. PRO polypeptides which stimulate the release of proteoglycans	
PR	01-DEC-2000;	2000WO-US032678.	CC	from cartilage are useful for treating sports-related joint problems,	
PR	20-DEC-2000;	2000US-00747259.	CC	articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO	
PR	28-FEB-2001;	2000WO-US034956.	CC	polypeptides are also useful for treating various mammalian haemoglobin-	
PR	28-FEB-2001;	2001WO-US006520.	CC	associated disorders such as various thalassaemias and conditions which	
PR	01-MAR-2001;	2001WO-US006666.	CC	may benefit from enhanced local immune system cell infiltration. This	
PR	09-MAR-2001;	2001US-00802706.	CC	sequence represents a human PRO polypeptide of the invention. Note: The	
PR	14-MAR-2001;	2001US-00808689.	CC	sequence data for this patent is also available in electronic format from	
PR	22-MAR-2001;	2001US-00816744.	XX	USPTO at seqdata.uspto.gov/sequence.html.	
PR	05-APR-2001;	2001US-00828366.	SQ	Sequence 323 AA;	
PR	10-MAY-2001;	2001US-00854208.			
PR	10-MAY-2001;	2001US-00854280.			
PR	18-MAY-2001;	2001US-00860216.			
PR	25-MAY-2001;	2001US-00866028.			
PR	25-MAY-2001;	2001US-00866034.			
PR	25-MAY-2001;	2001WO-US017092.			
PR	01-JUN-2001;	2001US-00872035.			
PR	01-JUN-2001;	2001WO-US017800.			
PR	05-JUN-2001;	2001US-00874503.			
PR	14-JUN-2001;	2001US-00882636.			
PR	19-JUN-2001;	2001US-00886342.			
PR	20-JUN-2001;	2001WO-US019692.			

Query Match

Best Local Similarity

Matches 323; Conservative

100.0%;

100.0%;

0;

Score 1694;

DB 7;

Length 323;

Pred. No. 5.5e-167;

Mismatches 0;

Indels 0;

Gaps 0;

QY	1	MAAPKGSWVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Db	1	MAAPKGSWVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
QY	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCONQ	120
Db	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCONQ	120

121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSVLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSVLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||||
301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||||

RESULT 103

ADB36045

ID ADB36045 standard; protein; 323 AA.

ADB36045;

04-DEC-2003 (first entry)

Human PRO polypeptide SEQ ID NO 272.

Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US200307720-A1.

24-APR-2003.

24-APR-2002; 2002US-00131830.

09-DEC-1999; 99US-0170262P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-755075/71.

N-PSDB; ADB36044.

New isolated, secreted and transmembrane PRO polypeptides and nucleic
acids, useful for the diagnosis, prevention and/or treatment of tumors,
such as lung, colon, breast, prostate, rectal, cervical and/or liver
tumors.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for

detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting the proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems, PRO
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Db 1 MAAPKGSLSWVTRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECRSACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECRSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSVLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSVLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 104

ADB46440

ID ADB46440 standard; protein; 323 AA.

ADB46440;

04-DEC-2003 (first entry)

Novel human secreted and transmembrane protein PRO195.

Human; secreted and transmembrane protein; PRO;

Tumour necrosis factor alpha release; TNF-alpha release;

glucose uptake modulator; FFA uptake modulator;

cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX

OS Homo sapiens.

PN US2003082692-A1.

PD 01-MAY-2003.

XX 22-APR-2002; 2002US-00127842.

PF 03-MAR-2000; 2000US-0187202P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-786906/74.

DR N-PSDB; ADB46439.

XX New PRO nucleic acid, useful for preparing a composition for treating

PT e.g., tumor or for tissue typing.

XX Claim 12; Fig 272; 637pp; English.

PS The invention describes 305 nucleic acids encoding PRO (secreted and

XX transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the proliferation of or gene expression in pericyte

CC cells, for stimulating the release of proteoglycans from cartilage, for

CC stimulating the proliferation of inner ear utricular supporting cells,

CC for stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from PBMC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNPFLEDESGDFLRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNPFLEDESGDFLRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLHSEI 323

RESULT 105

ADC37345

ID ADC37345 standard; protein; 323 AA.

XX AC ADC37345;

XX DT 18-DEC-2003 (first entry)

DE Nuclear factor kappa B (NF-kappaB) activating protein, SEQ ID 178.

XX Nuclear factor kappa B; NF-kappaB; inflammation; autoimmune disease;

KW cancer; infectious disease; bone disease; AIDS;

KW neurodegenerative disease; ischaemic disorder; Antiinflammatory;

KW Immunomodulator; Cytostatic; Antimicrobial; Osteopathic; Anti-HIV;

KW Neuroprotective; Nootropic; Cardiant; Gene therapy; human.

OS Homo sapiens.

XX WO2003048202-A2.

PN 12-JUN-2003.

XX 03-DEC-2002; 2002WO-JP012644.

XX 03-DEC-2001; 2001JP-00368692.

PR 05-DEC-2001; 2001US-0335829P.

PR 03-OCT-2002; 2002JP-00291302.

PR 04-OCT-2002; 2002US-0415769P.

XX (ASAH) ASahi KASEI KK.

XX Matsuda A, Muramatsu S;

XX WPI; 2003-505282/47.

XX N-PSDB; ADC37344.

XX New purified protein that activates nuclear factor kappa B (NF-kappaB),

PT useful for treating inflammation, autoimmune diseases, cancers,

PT infectious diseases, bone diseases, AIDS, neurodegenerative diseases or

PT ischaemic disorders.

XX Claim 1; SEQ ID NO 178; 938pp; English.

XX The present invention relates to novel proteins and their coding

CC sequences (ADC37168-ADC37455), which activate nuclear factor kappa B (NF-

CC kappaB). The proteins and their coding sequences are useful for treating

CC a disease associated with NF-kappaB activation, such as inflammation,

CC autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS,

CC neurodegenerative diseases, or ischaemic disorders.

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PR	23-DEC-1998;	98US-0113296P.
PR	05-JAN-1999;	99WO-US000106.
PR	05-MAR-1999;	99US-00254465.
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PR	12-MAR-1999;	99WO-US005190.
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PR	14-MAY-1999;	99US-0134287P.
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PR	02-JUN-1999;	99WO-US012252.
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PR	02-DEC-1999;	99WO-US028565.
PR	16-DEC-1999;	99WO-US030095.
PR	30-DEC-1999;	99WO-US031243.
PR	30-DEC-1999;	99WO-US031274.
PR	05-JAN-2000;	2000WO-US000219.
PR	06-JAN-2000;	2000WO-US000277.
PR	11-FEB-2000;	2000WO-US000376.
PR	18-FEB-2000;	2000WO-US003565.
PR	24-FEB-2000;	2000WO-US004341.
PR	02-MAR-2000;	2000WO-US005004.
PR	10-MAR-2000;	2000WO-US005841.
PR	21-MAR-2000;	2000WO-US006319.
PR	30-MAR-2000;	2000WO-US007532.
PR	17-MAY-2000;	2000WO-US008439.
PR	22-MAY-2000;	2000WO-US013705.
PR	30-MAY-2000;	2000WO-US014042.
PR	02-JUN-2000;	2000WO-US014941.
PR	28-JUL-2000;	2000WO-US015264.
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PR	22-MAR-2001;	2001US-00816920.
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PR	10-MAY-2001;	2001US-00854208.
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AC	ADC61738;	
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DT	18-DEC-2003 (first entry)	
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DE	Human secreted/transmembrane protein, PRO195.	
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KW	Human; secreted protein; transmembrane protein; PRO; cytostatic; ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;	
KW	auditory; tumour growth; retinal disorder; sports-related joint problem;	
KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;	
KW	wound healing; hearing loss.	
XX		
OS	Homo sapiens.	
XX		
PN	US2003049684-A1.	
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PD	13-MAR-2003.	
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PF	24-OCT-2001; 2001US-00017081.	
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PR 10-MAR-1999; 99WO-US005190.
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PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130232P.
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PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
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PR 14-JUN-2001; 2001US-00882636.
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PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
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PA (GETE ) GENENTECH INC.
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PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
Query Match 100.0%; Score 1694; DB 7; Length 323;
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DT 18-DEC-2003 (first entry)
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KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
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OS Homo sapiens.
XX
PN US2003054405-A1.
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'R 26-JUN-1998; 98US-0091010P.
'R 01-JUL-1998; 98US-0091359P.
'R 30-JUL-1998; 98US-0094651P.
'R 11-SEP-1998; 98US-0100038P.
'R 07-OCT-1998; 98US-00168978.
'R 02-NOV-1998; 98WO-US021141.
'R 06-NOV-1998; 98US-00184216.
'R 20-NOV-1998; 98US-00187368.
'R 20-NOV-1998; 98US-0109304P.
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'R 22-DEC-1998; 98US-00202054.
'R 22-DEC-1998; 98US-00218517.
'R 23-DEC-1998; 98US-0113296P.
'R 05-JAN-1999; 98WO-US000106.
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'R 08-MAR-1999; 98WO-US005028.
'R 10-MAR-1999; 98US-00265686.
'R 10-MAR-1999; 98WO-US005190.
'R 12-MAR-1999; 98US-00267213.
'R 12-MAR-1999; 98US-0123957P.
'R 29-MAR-1999; 98US-0126773P.
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'R 14-MAY-1999; 98US-0134287P.
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'R 02-JUN-1999; 98WO-US012252.
'R 16-JUN-1999; 98US-0139557P.
'R 23-JUN-1999; 98US-0141037P.
'R 07-JUL-1999; 98US-0142680P.
'R 26-JUL-1999; 98US-0145698P.
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'R 29-OCT-1999; 98US-0162506P.
'R 30-NOV-1999; 98WO-US028313.
'R 02-DEC-1999; 98WO-US028551.
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'R 16-DEC-1999; 98WO-US030095.
'R 30-DEC-1999; 98WO-US031243.
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'R 11-FEB-2000; 2000WO-US003565.

PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
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PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
Qy 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLESSLSKMSYLOMRNSQAHNPFLEDGESDGFLECLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLESSLSKMSYLOMRNSQAHNPFLEDGESDGFLECLSLNSGW 240
Qy 241 ILTTIVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTIVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 109
ADC66802
ID ADC66802 standard; protein; 323 AA.
XX
AC ADC66802;
XX
DT 18-DEC-2003 (first entry)


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PR 15-MAY-1998; 98US-0085704P.
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PR 28-MAY-1998; 98US-0087098P.
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PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
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PR 02-NOV-1998; 98US-00184216.
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PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
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PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
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PR 29-OCT-1999; 99US-0162506P.
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PR 16-DEC-1999; 99WO-US030095.
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PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
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PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.

PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
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PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH ) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVLTGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
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DB 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGIKIVIF 180

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QY 241 ILTTTLVLSVMVLLWICCATATATAVEQYVPSEKLSIYDLEFMNEQKLNRYPASSLVVVR 300
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DT 18-DEC-2003 (first entry)
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KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003068648-A1.
XX
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PD 10-APR-2003.
CX 25-OCT-2001; 2001US-00013921.
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PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.

PR 30-JUL-2001; 2001US-00918585.
XX (GETH) GENENTECH INC.
PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-695924/66.
DR N-PSDB; ADC62985.
XX
PT New isolated secreted and transmembrane PRO polypeptides, useful in the
PT preparation of a medicament for treating a condition responsive to the
PT polypeptide, and as therapeutic agents e.g. vaccines.
XX
PS Claim 12; SEQ ID NO 330; 467pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeraic molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGLWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGQNQ 120
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGQNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
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Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYVLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240
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Db 241 ILFTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSILVVVR 300
QY 301 SKTEDHEEAGPLTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLTKVNLAHSEI 323

RESULT 112
ADC68051
ID ADC68051 standard; protein; 323 AA.
XX
AC ADC68051;
XX
DT 18-DEC-2003 (first entry)

XX DE
XX KW Human secreted/transmembrane protein, PRO195.
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX wound healing; hearing loss.
OS Homo sapiens.
XX US2003069178-A1.
PN
XX
PD 10-APR-2003.
XX
PF 16-OCT-2001; 2001US-00978423.
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PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
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PR 11-MAR-1998; 98US-0077641P.
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PR 20-NOV-1998; 98US-0109304P.
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PR 22-DEC-1998; 98US-0113296P.
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PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
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PR 14-MAY-1999; 99US-0134287P.
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PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
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PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
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PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
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PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2003-657582/62.
DR N-PSDB; ADC68050.
XX
PT Novel secreted and transmembrane polypeptides, designated PRO
PT polypeptides, and polynucleotides encoding them useful for treating
PT kidney diseases, bone, cartilage and retinal disorders.
XX
PS Claim 12; SEQ ID NO 330; 468pp; English.
XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTRAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
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PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
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PR 22-APR-1998; 98US-0082704P.
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PR 10-MAR-1999; 99WO-US005190.
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PR 29-MAR-1999; 99US-0126773P.
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PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
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PR 02-JUN-1999; 99WO-US012252.
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PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
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PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
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PR 06-JAN-2000; 2000WO-US000376.
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PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
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PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
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PA (GETH) GENENTECH INC.
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XX Ashkenazi AJ, Baker KP, Botatein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Pong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI, 2003-743810/70.
DR N-PSDB; ADC67425.
XX
PT Novel isolated secreted and transmembrane PRO polypeptides, useful in the
PT preparation of a medicament for treating a condition responsive to the
PT polypeptide, and as therapeutic agents e.g. vaccines.
XX
PS Claim 12; SEQ ID NO 330; 464pp; English.
XX
CC The invention describes an isolated secreted and transmembrane PRO
CC polypeptide (I). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615
CC is useful in biotechnological and medical research, as well as in various
CC industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,
CC PRO708, PRO320, PRO351, PRO352, PRO381, PRO615, PRO772, PRO853,
CC PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful
CC therapeutically in vivo for lessening the effects of viral infection.

% PRO200 is useful for the treatment of wound healing, tissue growth and
% muscle generation and regeneration. PRO337 is useful for treating

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1D ADC62362 standard; protein; 323 AA.
AC ADC62362;
XZ 18-DEC-2003 (first entry)
XZ Human secreted/transmembrane protein, PRO195.
XZ Human; secreted protein; transmembrane protein; PRO; cytostatic;
XZ ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;
XZ auditory; tumour growth; retinal disorder; sports-related joint problem;
XZ articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XZ wound healing; hearing loss.
XZ Homo sapiens.
XZ US2003073624-A1.
XZ 17-APR-2003.
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22-MAY-1998; 98US-0086392P.
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28-MAY-1998; 98US-0087098P.
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PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 05-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 04-FEB-2000; 2000US-0180165P.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.

PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVTRQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60
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Db 1 MAAPKSLWVTRQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60
|||
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120
|||
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120
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QY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|||
Db 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
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QY 181 QSKPEIQYAPHLEQEPNTLRRESSLSKMSYLQMNRSQAHNFLEDGESDGLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTLRRESSLSKMSYLQMNRSQAHNFLEDGESDGLRCLSLNSGW 240
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QY 241 ILTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
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QY 301 SKTEDEHHEAGPLPTKVNLAHSEI 323
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Db 301 SKTEDEHHEAGPLPTKVNLAHSEI 323
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RESULT 116
ADC41995
ID ADC41995 standard; protein; 323 AA.
XX
AC ADC41995;
XX
DT 18-DEC-2003 (first entry)
XX
DE Human secreted/transmembrane protein, PRO195.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003104998-A1.
XX
PD 05-JUN-2003.
XX
PF 16-OCT-2001; 2001US-00978643.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.

PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
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PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
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PR 08-APR-1998; 98US-0081049P.
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PR 09-APR-1998; 98US-0081203P.
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PR 15-APR-1998; 98US-0081817P.
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PR 21-APR-1998; 98US-0082568P.
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PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
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PR 07-MAY-1998; 98US-0084627P.
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PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
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PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
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PR 22-MAY-1998; 98US-0086392P.
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PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-00267213.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 12-APR-1999; 99US-00284291.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-01311022P.
PR 28-APR-1999; 99US-01311445P.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 25-AUG-1999; 99US-00380137.
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PR 25-AUG-1999; 99US-00380142.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.

PR

30-MAY-2000; 2000WO-US014941.

PR

02-JUN-2000; 2000WO-US015264.

PR

28-JUL-2000; 2000WO-US020710.

PR

24-AUG-2000; 2000WO-US023328.

PR

08-NOV-2000; 2000US-00709238.

PR

27-NOV-2000; 2000US-00723749.

PR

01-DEC-2000; 2000WO-US032678.

PR

20-DEC-2000; 2000US-00747259.

PR

20-DEC-2000; 2000WO-US034956.

PR

28-FEB-2001; 2001WO-US006520.

PR

22-MAR-2001; 2001US-00816744.

PR

22-MAR-2001; 2001US-00816920.

PR

22-MAR-2001; 2001WO-US009552.

PR

10-MAY-2001; 2001US-00854208.

PR

10-MAY-2001; 2001US-00854280.

PR

25-MAY-2001; 2001WO-US017092.

PR

01-JUN-2001; 2001US-00872035.

PR

01-JUN-2001; 2001WO-US017800.

PR

05-JUN-2001; 2001US-00874503.

PR

14-JUN-2001; 2001US-00882636.

PR

19-JUN-2001; 2001US-00886342.

PR

20-JUN-2001; 2001WO-US019692.

PR

29-JUN-2001; 2001WO-US021066.

PR

09-JUL-2001; 2001WO-US021735.

PR

30-JUL-2001; 2001US-00918585.

XX

(GETH) GENENTECH INC.

PA

XX

Query Match

100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity

100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY

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MAAPKGLWVRLTQLGLPPLLLTLMALAGSGCTASAEAFDSVLGDTASCHRAQLTYPLHT

60

DB

1

MAAPKGLWVRLTQLGLPPLLLTLMALAGSGCTASAEAFDSVLGDTASCHRAQLTYPLHT

60

QY

61

YPKEELYACQRCGLPFSICQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ

120

DB

61

YPKEELYACQRCGLPFSICQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ

120

QY

121

LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF

180

DB

121

LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF

180

QY

181

QSKPEIQYAPHLEQETNLRRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW

240

DB

181

QSKPEIQYAPHLEQETNLRRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW

240

QY

241

ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYDLEFNEQKLNRYPASSLVVVR

300

DB

241

ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYDLEFNEQKLNRYPASSLVVVR

300

QY

301

SKTEDHEEAGPLPTKVNLAHSEI

323

DB

301

SKTEDHEEAGPLPTKVNLAHSEI

323

RESULT 117

ADC50313

ID

ADC50313

standard; protein; 323 AA.

XX

AC

ADC50313;

XX

DT

18-DEC-2003

(first entry)

XX

DE

Novel human secreted and transmembrane protein PRO195.

XX

KW

Human; secreted and transmembrane protein; PRO; secreted polypeptide;

KW

transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;

KW

chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;

KW

rectum; kidney; cervix; liver; microvascular endothelial cell;

KW

glucose uptake modulator; FFA uptake modulator; cell proliferation;

KW

cell differentiation; skeletal muscle cell; adipocyte cell;

KW

pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;

KW

endothelial cell tube formation; bone disorder; cartilage disorder;

KW

sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW

rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;

KW

immune system cell infiltration; chromosome mapping; gene mapping;

KW

gene therapy; chromosome identification; chromosome marker.

XX

OS

Homo sapiens.

XX

PN

US2003092106-A1.

XX

PD

15-MAY-2003.

XX

PF

24-APR-2002; 2002US-00131822.

XX

PR

19-AUG-1998; 98US-0097141P.

PR

02-JUN-1999; 99WO-US012252.

PR

25-AUG-1999; 99US-00380137.

PR

30-MAR-2000; 2000WO-US008439.

PR

01-DEC-2000; 2000WO-US032678.

PR

19-DEC-2001; 2001US-00028072.

XX

PA

(GETH) GENENTECH INC.

XX

PI

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI

Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI

Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX

DR

WPI; 2003-801171/75.

DR

N-PSDB; ADC50312.

XX

PT

New secreted and transmembrane nucleic acid useful for treating

PT

inflammation, organ failure, atherosclerosis, cardiac injury,

PT

infertility, birth defects, premature aging, acquired immunodeficiency

PT

syndrome or cancer.

XX

PS

Claim 12; Fig 272; 637pp; English.

XX

CC

The invention relates to isolated human PRO polypeptides (secreted and

CC

transmembrane polypeptides) and the polynucleotides encoding them. The

CC

invention also relates to an antibody which specifically binds to a PRO

CC

polypeptide, a method for stimulating the release of tumour necrosis

CC

factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC

proliferation or differentiation of chondrocyte cells and a method for

CC

detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC

colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC

polynucleotides are useful in molecular biology, including uses as

CC

hybridisation probes, in chromosome and gene mapping, in generating

CC

antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC

be used in preparing PRO polypeptides by recombinant techniques and in

CC

generating either transgenic animals or knock-out animals which are

CC

useful in the development and screening of therapeutically useful

CC

reagents. The PRO polypeptides or antibodies are used in preparing a

CC

medicament for treating a condition responsive to the polypeptides or

CC

antibodies, such as tumours, for stimulating and inhibiting proliferation

CC

of human microvascular endothelial cells, for modulating the uptake of

CC

glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte

CC

cells, for stimulating differentiation of adipocyte cells, for

CC

stimulating proliferation of or gene expression in pericyte cells, for

CC

stimulating the proliferation of inner ear utricular supporting cells or

CC

T-lymphocyte cells, for inducing endothelial cell tube formation and for

CC

treating various bone and/or cartilage disorders such as sports injuries

CC

and arthritis. PRO polypeptides which stimulate the release of

CC

proteoglycans from cartilage are useful for treating sports-related joint

CC

problems, articular cartilage defects, osteoarthritis and rheumatoid

CC

arthritis. PRO polypeptides are also useful for treating various

CC

mammalian haemoglobin-associated disorders such as various thalassaemias

CC

and conditions which may benefit from enhanced local immune system cell

CC

infiltration. This sequence represents a human PRO polypeptide of the

CC

invention. Note: The sequence data for this patent is also available in

CC

electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX

QY 301 SKTEDHERACPLPTKVNLAHSEI 323
Db 301 SKTEDHERACPLPTKVNLAHSEI 323

RESULT 119
ADC59839
ID ADC59839 standard; protein; 323 AA.
XX
AC ADC59839;
XX
DT 18-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO; secreted polypeptide;
KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
KW rectum; kidney; cervix; liver; microvascular endothelial cell;
KW glucose uptake modulator; FFA uptake modulator; cell proliferation;
KW cell differentiation; skeletal muscle cell; adipocyte cell;
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW immune system cell infiltration; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.
OS
XX US2003092105-A1.
PN
XX 15-MAY-2003.
PD
XX
PF 24-APR-2002; 2002US-00131821.
XX
XX 09-DEC-1999; 99US-0170262P.
PR
XX 01-DEC-2000; 2000WO-US032678.
PR
XX 19-DEC-2001; 2001US-00028072.
XX

XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-801170/75.
DR N-PSDB; ADC59838.

XX New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
CC cells, for stimulating differentiation of adipocyte cells, for
CC stimulating proliferation of or gene expression in pericyte cells, for
CC stimulating the proliferation of inner ear utricular supporting cells or
CC T-lymphocyte cells, for inducing endothelial cell tube formation and for
CC treating various bone and/or cartilage disorders such as sports injuries
CC and arthritis. PRO polypeptides which stimulate the release of
CC proteoglycans from cartilage are useful for treating sports-related joint
CC problems, articular cartilage defects, osteoarthritis and rheumatoid
CC arthritis. PRO polypeptides are also useful for treating various
CC mammalian haemoglobin-associated disorders such as various thalassaemias
CC and conditions which may benefit from enhanced local immune system cell
CC infiltration. This sequence represents a human PRO polypeptide of the
CC invention. Note: The sequence data for this patent is also available in
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVLTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLLWVLTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELYACORGLFESICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACORGLFESICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLDGDKIVIF 180
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLDGDKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRNFDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRNFDGESDGLRCLSLNSGW 240
QY 241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMBQKLNRYPASSLVVVR 300
Db 241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMBQKLNRYPASSLVVVR 300
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 120
ADC52846
ID ADC52846 standard; protein; 323 AA.

XX AC ADC52846;

XX 18-DEC-2003 (first entry)

XX Novel human secreted and transmembrane protein Seq ID272.
XX human; PRO; membrane bound protein; membrane bound receptor;
KW cell proliferation; cell migration; cell differentiation;
KW mitogenic factor; survival factor; cytotoxic factor;
KW differentiation factor; neuropeptide; hormone; cell receptor;
KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.

XX Homo sapiens.

XX US2003087365-A1.

XX 08-MAY-2003.

XX 23-APR-2002; 2002US-00128689.

XX 31-MAR-1997; 97WO-US005230.

|||||
61 YPKBEELACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMRNSQAHNFLEDESGDFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMRNSQAHNFLEDESGDFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLHSEI 323
301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 121
ADC57200
ID ADC57200 standard; protein; 323 AA.
XX
AC ADC57200;
XX
DT 18-DEC-2003 (first entry)
DE Novel human secreted and transmembrane protein Seq ID272.
XX
KW human; PRO; membrane bound protein; membrane bound receptor;
KW cell proliferation; cell migration; cell differentiation;
KW mitogenic factor; survival factor; cytotoxic factor;
KW differentiation factor; neuro peptide; hormone; cell receptor;
KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.
XX
OS Homo sapiens.

XX
PN US2003087366-A1.
XX
PD 08-MAY-2003.
XX
PF 23-APR-2002; 2002US-00128694.
XX
PR 02-MAR-2000; 2000WO-US005841.
PR 30-MAY-2000; 2000WO-US014941.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-801151/75.
DR N-PSDB; ADC57199.
XX
PT New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor.
XX
PS Claim 1; SEQ ID NO 272; 637pp; English.
XX
XX This invention relates to novel nucleic acids encoding human PRO secreted
CC and transmembrane proteins. Extracellular proteins play important roles
CC in the formation, differentiation and maintenance of multicellular
CC organisms. The fate of many individual cells (for example proliferation,
CC migration or differentiation) is typically governed by information
CC received from other cells and the immediate environment. The information
CC is often transmitted by secreted polypeptides (for example mitogenic
CC factors, survival factors, cytotoxic factors, differentiation factors,
CC neuropeptides and hormones) which are received and interpreted by diverse
CC cell receptors or membrane bound proteins. These membrane bound proteins

CC and receptors may be of use as pharmaceutical and diagnostic agents, such
CC as in the blocking of receptor-ligand interactions. The current invention
CC provides the amino acid sequences of novel human membrane bound receptors
CC and proteins, along with the cDNA sequences encoding them. The novel
CC proteins of the invention may have cytostatic activities through the
CC stimulation of chondrocytes. The nucleic acids of the invention may be
CC useful for the manufacture of a medicament for diagnosing or treating a
CC tumour in a mammal. In addition, they may be useful for measuring or
CC detecting the expression of a tumour associated gene. The present
CC sequence is the amino acid sequence of a human PRO protein of the
CC invention.

XX Sequence 323 AA;
SQ
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRLTGLPPLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLLWVRLTGLPPLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMRNSQAHNFLEDESGDFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMRNSQAHNFLEDESGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 122
ADC60391
ID ADC60391 standard; protein; 323 AA.
XX
AC ADC60391;
XX
DT 18-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO; secreted polypeptide;
KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
KW rectum; kidney; cervix; liver; microvascular endothelial cell;
KW glucose uptake modulator; FFA uptake modulator; cell proliferation;
KW cell differentiation; skeletal muscle cell; adipocyte cell;
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW immune system cell infiltration; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.
OS
XX US2003087367-A1.
XX
XX 08-MAY-2003.
XX
XX 24-APR-2002; 2002US-00131825.
PF

XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.

PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001US-00887879.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-801152/75.

N-PSDB; ADC60390.

New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide and for manufacturing a medicament for diagnosing or treating tumor.

Claim 12; Fig 272; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumor necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the

CC invention. Note: The sequence data for this patent is also available in
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQCNQ 120
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSILVVVR 300
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSILVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 123
ADC50866
ID ADC50866 standard; protein; 323 AA.
AC ADC50866;
XX
AC ADC50866;
XX
DT 18-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO; secreted polypeptide;
KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
KW rectum; kidney; cervix; liver; microvascular endothelial cell;
KW glucose uptake modulator; FFA uptake modulator; cell proliferation;
KW cell differentiation; skeletal muscle cell; adipocyte cell;
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW immune system cell infiltration; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
PN US2003087361-A1.
XX
PD 08-MAY-2003.
XX
PF 22-APR-2002; 2002US-00127841.
XX
PR 09-SEP-1998; 98US-0099536P.
PR 01-SEP-1999; 99WO-US020111.
PR 18-OCT-1999; 99US-00403297.
PR 18-FEB-2000; 2000WO-US004342.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.

XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI: 2003-801146/75.
DR N-PSDB; ADC50865.
XX
PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide
PT and for manufacturing a medicament for diagnosing or treating tumor.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
CC cells, for stimulating differentiation of adipocyte cells, for
CC stimulating proliferation of or gene expression in pericyte cells, for
CC stimulating the proliferation of inner ear utricular supporting cells or
CC T-lymphocyte cells, for inducing endothelial cell tube formation and for
CC treating various bone and/or cartilage disorders such as sports injuries
CC and arthritis. PRO polypeptides which stimulate the release of
CC proteoglycans from cartilage are useful for treating sports-related joint
CC problems, articular cartilage defects, osteoarthritis and rheumatoid
CC arthritis. PRO polypeptides are also useful for treating various
CC mammalian haemoglobin-associated disorders such as various thalassaemias
CC and conditions which may benefit from enhanced local immune system cell
CC infiltration. This sequence represents a human PRO polypeptide of the
CC invention. Note: The sequence data for this patent is also available in
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
1 MAAPKGSILWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQCNQ 120
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSILVVVR 300
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSILVVVR 300

301 SKTEDHHEAGPLPTKYNLAHSEI 323
301 SKTEDHHEAGPLPTKYNLAHSEI 323

RESULT 124
ADC65393
ID ADC65393 standard; protein; 323 AA.

ADC65393;

18-DEC-2003 (first entry)

Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US2003087362-A1.

08-MAY-2003.

22-APR-2002; 2002US-00127844.

05-JUN-2000; 2000US-0209832P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Seresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-801147/75.

N-PSDB; ADC65392.

New PRO nucleic acid, useful for manufacturing a medicament for
diagnosing or treating tumor.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating

the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems.
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
1 MAAPKGSLSWRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
61 YPKBEELYACQRCGLFSCQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCCNQ 120
61 YPKBEELYACQRCGLFSCQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCCNQ 120
121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLWTCATVATAVEQYVSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLWTCATVATAVEQYVSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
301 SKTEDHHEAGPLPTKYNLAHSEI 323
301 SKTEDHHEAGPLPTKYNLAHSEI 323

RESULT 125

ADC54491

ID ADC54491 standard; protein; 323 AA.

AC ADC54491;

18-DEC-2003 (first entry)

Novel human secreted and transmembrane protein Seq ID272.

human; PRO; membrane bound protein; membrane bound receptor;
cell proliferation; cell migration; cell differentiation;
mitogenic factor; survival factor; cytotoxic factor;
differentiation factor; neurotrophin; hormone; cell receptor;
receptor-ligand interaction; cytostatic; chondrocyte; tumour.

Homo sapiens.

US2003087363-A1.

08-MAY-2003.

23-APR-2002; 2002US-00128687.

10-SEP-1998; 98US-0099816P.

01-SEP-1999; 99WO-US020111.

18-OCT-1999; 99US-00403297.

18-FEB-2000; 2000WO-US004342.

01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-801148/75.
DR N-PSDB; ADC54490.
XX
PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide
PT and for manufacturing a medicament for diagnosing or treating tumor.
XX
XX
PS Claim 1; SEQ ID NO 272; 637pp; English.
XX
CC This invention relates to novel nucleic acids encoding human PRO secreted
CC and transmembrane proteins. Extracellular proteins play important roles
CC in the formation, differentiation and maintenance of multicellular
CC organisms. The fate of many individual cells (for example proliferation,
CC migration or differentiation) is typically governed by information
CC received from other cells and the immediate environment. The information
CC is often transmitted by secreted polypeptides (for example mitogenic
CC factors, survival factors, cytotoxic factors, differentiation factors,
CC neurotrophins and hormones) which are received and interpreted by diverse
CC cell receptors or membrane bound proteins. These membrane bound proteins
CC as in the blocking of receptor-ligand interactions. The current invention
CC provides the amino acid sequences of novel human membrane bound receptors
CC and proteins, along with the cDNA sequences encoding them. The novel
CC proteins of the invention may have cytostatic activities through the
CC stimulation of chondrocytes. The nucleic acids of the invention may be
CC useful for the manufacture of a medicament for diagnosing or treating a
CC tumour in a mammal. In addition, they may be useful for measuring or
CC detecting the expression of a tumour associated gene. The present
CC sequence is the amino acid sequence of a human PRO protein of the
CC invention.
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELVACQRCGLFSCQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEELVACQRCGLFSCQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLDGDKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLDGDKIVIF 180
QY 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323
RESULT 126
ID ADC53452
XX ADC53452 standard; protein; 323 AA.

AC ADC53452;
XX 18-DEC-2003 (first entry)
XX Novel human secreted and transmembrane protein Seq ID272.
XX human; PRO; membrane bound protein; membrane bound receptor;
KW cell proliferation; cell migration; cell differentiation;
KW mitogenic factor; survival factor; cytotoxic factor;
KW differentiation factor; neurotrophin; hormone; cell receptor;
KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.
XX Homo sapiens.
OS
XX US2003087364-A1.
PN
XX 08-MAY-2003.
PD
XX 23-APR-2002; 2002US-00128688.
XX 09-FEB-1999; 99US-0119341P.
PR 01-DEC-1999; 99WO-US028634.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-801149/75.
DR N-PSDB; ADC53451.
XX
PT New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor.
XX
PS Claim 1; SEQ ID NO 272; 637pp; English.
XX
CC This invention relates to novel nucleic acids encoding human PRO secreted
CC and transmembrane proteins. Extracellular proteins play important roles
CC in the formation, differentiation and maintenance of multicellular
CC organisms. The fate of many individual cells (for example proliferation,
CC migration or differentiation) is typically governed by information
CC received from other cells and the immediate environment. The information
CC is often transmitted by secreted polypeptides (for example mitogenic
CC factors, survival factors, cytotoxic factors, differentiation factors,
CC neurotrophins and hormones) which are received and interpreted by diverse
CC cell receptors or membrane bound proteins. These membrane bound proteins
CC as in the blocking of receptor-ligand interactions. The current invention
CC provides the amino acid sequences of novel human membrane bound receptors
CC and proteins, along with the cDNA sequences encoding them. The novel
CC proteins of the invention may have cytostatic activities through the
CC stimulation of chondrocytes. The nucleic acids of the invention may be
CC useful for the manufacture of a medicament for diagnosing or treating a
CC tumour in a mammal. In addition, they may be useful for measuring or
CC detecting the expression of a tumour associated gene. The present
CC sequence is the amino acid sequence of a human PRO protein of the
CC invention.
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELVACQRCGLFSCQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQ 120
XX

61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQCNQ 120
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 127
ADC58975
ID ADC58975 standard; protein; 323 AA.
AC ADC58975;
XT 18-DEC-2003 (first entry)
DE Novel human secreted and transmembrane protein Seq ID272.
CX human; PRO; membrane bound protein; membrane bound receptor;
CX cell proliferation; cell migration; cell differentiation;
CX mitogenic factor; survival factor; cytotoxic factor;
CX differentiation factor; neuro peptide; hormone; cell receptor;
CX receptor-ligand interaction; cytostatic; chondrocyte; tumour.
XS Homo sapiens.
CX US2003087359-A1.
PN 08-MAY-2003.
PD 22-APR-2002; 2002US-00127834.
XX 17-SEP-1998; 98US-0100710P.
PR 01-SEP-1999; 99WO-US020111.
PR 18-OCT-1999; 99US-00403297.
PR 30-NOV-1999; 99WO-US028313.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-801144/75.
DR N-PSDB; ADC58974.
XX New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide
PT and for manufacturing a medicament for diagnosing or treating tumor.
XX Claim 1; SEQ ID NO 272; 637pp; English.

This invention relates to novel nucleic acids encoding human PRO secreted
and transmembrane proteins. Extracellular proteins play important roles
in the formation, differentiation and maintenance of multicellular
organisms. The fate of many individual cells (for example proliferation,
migration or differentiation) is typically governed by information
received from other cells and the immediate environment. The information
is often transmitted by secreted polypeptides (for example mitogenic
factors, survival factors, cytotoxic factors, differentiation factors,
neuropeptides and hormones) which are received and interpreted by diverse

cell receptors or membrane bound proteins. These membrane bound proteins
and receptors may be of use as pharmaceutical and diagnostic agents, such
as in the blocking of receptor-ligand interactions. The current invention
provides the amino acid sequences of novel human membrane bound receptors
and proteins, along with the cDNA sequences encoding them. The novel
proteins of the invention may have cytosolic activities through the
stimulation of chondrocytes. The nucleic acids of the invention may be
useful for the manufacture of a medicament for diagnosing or treating a
tumour in a mammal. In addition, they may be useful for measuring or
detecting the expression of a tumour associated gene. The present
sequence is the amino acid sequence of a human PRO protein of the
invention.

Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSGLWVRLQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSGLWVRLQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQCNQ 120
DB 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGQCNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 128
ADC58975
ID ADC58975 standard; protein; 323 AA.
XX ADC58975;
AC ADC58975;
XX 18-DEC-2003 (first entry)
DT Novel human secreted and transmembrane protein Seq ID272.
XX human; PRO; membrane bound protein; membrane bound receptor;
CX cell proliferation; cell migration; cell differentiation;
KW mitogenic factor; survival factor; cytotoxic factor;
KW differentiation factor; neuro peptide; hormone; cell receptor;
KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.
XX Homo sapiens.
OS US2003087360-A1.
XX 08-MAY-2003.
PN 22-APR-2002; 2002US-00127836.
PD 17-NOV-1998; 98US-0108802P.
XX 01-SEP-1999; 99WO-US020111.
PR 18-OCT-1999; 99US-00403297.
PR 18-FEB-2000; 2000WO-US004342.
PR 02-JUN-2000; 2000WO-US015264.

PR 23-AUG-2000; 2000WO-US023522.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-801145/75.
DR N-PSDB; ADC55852.
XX
PT New PRO nucleic acid, useful for manufacturing a medicament for
diagnosing or treating tumor.
XX
PS Claim 1; SEQ ID NO 272; 637pp; English.
XX
CC This invention relates to novel nucleic acids encoding human PRO secreted
and transmembrane proteins. Extracellular proteins play important roles
in the formation, differentiation and maintenance of multicellular
organisms. The fate of many individual cells (for example proliferation,
migration or differentiation) is typically governed by information
received from other cells and the immediate environment. The information
is often transmitted by secreted polypeptides (for example mitogenic
factors, survival factors, cytotoxic factors, differentiation factors,
neuropeptides and hormones) which are received and interpreted by diverse
cell receptors or membrane bound proteins. These membrane bound proteins
and receptors may be of use as pharmaceutical and diagnostic agents, such
as in the blocking of receptor-ligand interactions. The current invention
provides the amino acid sequences of novel human membrane bound receptors
and proteins, along with the cDNA sequences encoding them. The novel
proteins of the invention may have cytostatic activities through the
stimulation of chondrocytes. The nucleic acids of the invention may be
useful for the manufacture of a medicament for diagnosing or treating a
tumour in a mammal. In addition, they may be useful for measuring or
detecting the expression of a tumour associated gene. The present
sequence is the amino acid sequence of a human PRO protein of the
invention.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGQCNQ 120
DB 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFEMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFEMNEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 129
ADC58423

ID ADC58423 standard; protein; 323 AA.
XX
AC ADC58423;
XX
DT 18-DEC-2003 (first entry)
XX
DE Novel human secreted and transmembrane protein Seq ID272.
XX
KW human; PRO; membrane bound protein; membrane bound receptor;
cell proliferation; cell migration; cell differentiation;
mitogenic factor; survival factor; cytotoxic factor;
differentiation factor; neuropeptide; hormone; cell receptor;
receptor-ligand interaction; cytostatic; chondrocyte; tumour.
XX
OS Homo sapiens.
XX
PN US2003087346-A1.
XX
PD 08-MAY-2003.
XX
PF 17-APR-2002; 2002US-00124815.
XX
PR 09-DEC-1999; 99US-0170262P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-801137/75.
DR N-PSDB; ADC58422.
XX
PT Isolated nucleic acid for use in industrial applications has at least 80
percent nucleic acid sequence identity to nucleotide sequence that
encodes amino acid sequence selected from amino acid sequence group.
XX
PS Claim 1; SEQ ID NO 272; 637pp; English.
XX
CC This invention relates to novel nucleic acids encoding human PRO secreted
and transmembrane proteins. Extracellular proteins play important roles
in the formation, differentiation and maintenance of multicellular
organisms. The fate of many individual cells (for example proliferation,
migration or differentiation) is typically governed by information
received from other cells and the immediate environment. The information
is often transmitted by secreted polypeptides (for example mitogenic
factors, survival factors, cytotoxic factors, differentiation factors,
neuropeptides and hormones) which are received and interpreted by diverse
cell receptors or membrane bound proteins. These membrane bound proteins
and receptors may be of use as pharmaceutical and diagnostic agents, such
as in the blocking of receptor-ligand interactions. The current invention
provides the amino acid sequences of novel human membrane bound receptors
and proteins, along with the cDNA sequences encoding them. The novel
proteins of the invention may have cytostatic activities through the
stimulation of chondrocytes. The nucleic acids of the invention may be
useful for the manufacture of a medicament for diagnosing or treating a
tumour in a mammal. In addition, they may be useful for measuring or
detecting the expression of a tumour associated gene. The present
sequence is the amino acid sequence of a human PRO protein of the
invention.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

18-JUL-2001; 2001US-00908827.
06-AUG-2001; 2001US-00924419.
09-AUG-2001; 2001US-00927796.
16-AUG-2001; 2001US-00931836.
19-DEC-2001; 2001US-00028072.
(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-801169/75.
N-PSDB; ADD03096.
New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PRO4978, useful in molecular biology, chromosome and gene mapping, in
generating antisense RNA and DNA, and in gene therapy.
Claim 12; Fig 272; 638pp; English.
The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
cells, for stimulating differentiation of adipocyte cells, for
stimulating proliferation of or gene expression in pericyte cells, for
stimulating the proliferation of inner ear utricular supporting cells or
T-lymphocyte cells, for inducing endothelial cell tube formation and for
treating various bone and/or cartilage disorders such as sports injuries
and arthritis. PRO polypeptides which stimulate the release of
proteoglycans from cartilage are useful for treating sports-related joint
problems, articular cartilage defects, osteoarthritis and rheumatoid
arthritis. PRO polypeptides are also useful for treating various
mammalian haemoglobin-associated disorders such as various thalassaemias
and conditions which may benefit from enhanced local immune system cell
infiltration. This sequence represents a human PRO polypeptide of the
invention. Note: The sequence data for this patent is also available in
electronic format from USPTO at seqdata.uspto.gov/sequence.html.
Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRTQGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGLWVRTQGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKEELYACQRCRFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
61 YPKEELYACQRCRFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLDADGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLDADGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLMQNRNSQAHNFLEDCESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLMQNRNSQAHNFLEDCESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
QY 301 SKTFEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTFEDHEEAGPLPTKVNLAHSEI 323
RESULT 131
ADC90089
ID ADC90089 standard; protein; 323 AA.
XX
AC ADC90089;
XX
DT 01-JAN-2004 (first entry)
XX
DS Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
PN US2003087348-A1.
XX
PD 08-MAY-2003.
XX
PF 19-APR-2002; 2002US-00125923.
XX
PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
XX WPI; 2003-786939/74.
DR N-PSDB; ADC90089.
XX
PT New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor.
XX
PS Claim 12; SEQ ID NO 272; 637pp; English.
XX
CC The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or

antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. NO. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLTKVNLHSEI 323
DB 301 SKTEDEHEAGPLTKVNLHSEI 323

RESULT 132
ADC69508
ID ADC69508 standard; protein; 323 AA.
XX AC ADC69508;
XX DT 01-JAN-2004 (first entry)
XX DE Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

XX Homo sapiens.
OS US2003194770-A1.
XX PN
XX 16-OCT-2003.
XX PD
XX

21-MAY-2002; 2002US-00152375.
03-MAR-2000; 2000US-0187202P.
30-MAY-2000; 2000WO-US014941.
01-DEC-2000; 2000WO-US032678.
19-DEC-2001; 2001US-00028072.
(GETH) GENENTECH INC.
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-844453/78.
N-PSDB; ADC69507.
New isolated, secreted and transmembrane PRO polypeptides and nucleic acids, useful for the diagnosis, prevention and/or treatment of tumors, such as lung, colon, breast, prostate, rectal, cervical and/or liver tumors.
Claim 12; Fig 272; 637pp; English.
The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. NO. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFITSSWTFYQLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEIDGRSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEIDGRSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 133
ADC48397
ID ADC48397 standard; protein; 323 AA.
XX
AC ADC48397;
XX
DT 01-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003194773-A1.
XX
PD 16-OCT-2003.
XX
PF 21-MAY-2002; 2002US-00152391.
XX
PR 09-DEC-1999; 99US-0170262P.
PR 30-MAY-2000; 2000WO-US014941.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-844455/78.
DR N-PSDB; ADC48396.
XX
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
PT for detecting a tumor, stimulating the release of tumor necrosis factor
PT alpha and stimulating the proliferation of endothelial cells.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as

hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or PFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems,
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. NO. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASARAFDSVLGDTASCHRACTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASARAFDSVLGDTASCHRACTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFITSSWTFYQLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFITSSWTFYQLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEIDGRSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEIDGRSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 134
ADD09926
ID ADD09926 standard; protein; 323 AA.
XX
AC ADD09926;
XX
DT 01-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.

XX US2003194776-A1.

PN 16-OCT-2003.

XX 29-MAY-2002; 2002US-00157785.

XX 05-JUN-2000; 2000US-0209832P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-852596/79.

DR N-PSDB; ADD09925.

XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful

PT for detecting a tumor, stimulating the release of proteoglycans from

PT cartilage and inhibiting the differentiation of adipocyte cells.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSILWVRLGLPPLLLTALAGSGTASAEAFDSVLGDFASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVRLGLPPLLLTALAGSGTASAEAFDSVLGDFASCHRAQLTYPLHT 60
QY 61 YPKKEEILYACQRCGLPSICQFVDDGIDLNRTKLECESECTEAYSQSDQYACHLGCNQ 120
Db 61 YPKKEEILYACQRCGLPSICQFVDDGIDLNRTKLECESECTEAYSQSDQYACHLGCNQ 120
QY 121 LPFAELRQEQSLMSPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQSLMSPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLOQNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLOQNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFQNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFQNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 135

ADD04501

ID ADD04501 standard; protein; 323 AA.

XX AC ADD04501;

XX DT 01-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO195.

XX KW Human; secreted and transmembrane protein; PRO; secreted polypeptide;
transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
rectum; kidney; cervix; liver; microvascular endothelial cell;
glucose uptake modulator; FFA uptake modulator; cell proliferation;
cell differentiation; skeletal muscle cell; adipocyte cell;
pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
immune system cell infiltration; chromosome mapping; gene mapping;
gene therapy; chromosome identification; chromosome marker.

XX OS Homo sapiens.

XX US2003087354-A1.

XX PD 08-MAY-2003.

XX 22-APR-2002; 2002US-00127827.

PR 17-AUG-1998; 98US-0096891P.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 30-MAR-2000; 2000WO-US008439.

PR 30-MAY-2000; 2000WO-US014941.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-801139/75.

DR N-PSDB; ADD04500.

XX New PRO nucleic acid, useful for manufacturing a medicament for

PT diagnosing or treating tumor.

XX PS Claim 12; Fig 272; 637pp; English.

XX CC The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte

CC cells, for stimulating differentiation of adipocyte cells, for

CC stimulating proliferation of or gene expression in pericyte cells, for

CC stimulating the proliferation of inner ear utricular supporting cells or

CC T-lymphocyte cells, for inducing endothelial cell tube formation and for

CC treating various bone and/or cartilage disorders such as sports injuries

CC and arthritis. PRO polypeptides which stimulate the release of

CC proteoglycans from cartilage are useful for treating sports-related joint

CC problems, articular cartilage defects, osteoarthritis and rheumatoid

CC arthritis. PRO polypeptides are also useful for treating various

CC mammalian haemoglobin-associated disorders such as various thalassaemias

CC and conditions which may benefit from enhanced local immune system cell

CC infiltration. This sequence represents a human PRO polypeptide of the

CC invention. Note: The sequence data for this patent is also available in

CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGPTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGPTASCHRAQLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQONQ 120
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQONQ 120

QY 121 LPFAELRQELMSLMPKHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRBSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRBSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 136
ADC80457
ID ADC80457 standard; protein; 323 AA.
XX
AC ADC80457;

XX DT 01-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO195.

XX KW Human; secreted and transmembrane protein; PRO; secreted polypeptide;

KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;

KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;

KW rectum; kidney; cervix; liver; microvascular endothelial cell;

KW glucose uptake modulator; FFA uptake modulator; cell proliferation;

KW cell differentiation; skeletal muscle cell; adipocyte cell;

KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;

KW immune system cell infiltration; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

OS Homo sapiens.

XX US2003092103-A1.

XX 15-MAY-2003.

XX 24-APR-2002; 2002US-00131815.

XX 22-DEC-1998; 98US-0113511P.

XX 01-DEC-1999; 99WO-US028634.

XX 22-FEB-2000; 2000WO-US004414.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-801168/75.
DR N-PSDB; ADC80456.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.

XX Claim 12; Fig 272; 637pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
CC cells, for stimulating differentiation of adipocyte cells, for
CC stimulating proliferation of or gene expression in pericyte cells, for
CC stimulating the proliferation of inner ear utricular supporting cells or
CC T-lymphocyte cells, for inducing endothelial cell tube formation and for
CC treating various bone and/or cartilage disorders such as sports injuries
CC and arthritis. PRO polypeptides which stimulate the release of
CC proteoglycans from cartilage are useful for treating sports-related joint

CC problems, articular cartilage defects, osteoarthritis and rheumatoid
CC arthritis. PRO polypeptides are also useful for treating various
CC mammalian haemoglobin-associated disorders such as various thalassaemias
CC and conditions which may benefit from enhanced local immune system cell
CC infiltration. This sequence represents a human PRO polypeptide of the
CC invention. Note: The sequence data for this patent is also available in
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.
XX

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 137

ADD10964

ID ADD10964 standard; protein; 323 AA.

KX AC ADD10964;

KX DT 01-JAN-2004 (first entry)

KX DB Human PRO polypeptide #136.

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

KX JS Homo sapiens.

KX PN US2003194774-A1.

KX PD 16-OCT-2003.

KX PF 21-MAY-2002; 2002US-00152399.

KX PR 03-MAR-2000; 2000US-0187202P.

KX PR 01-DEC-2000; 2000WO-US032678.

KX PR 19-DEC-2001; 2001US-00028072.

KX PA (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-852594/79.
DR N-PSDB; ADD10963.

PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
PT for detecting a tumor, stimulating the proliferation or differentiation
PT of chondrocyte cells and stimulating the release of tumor necrosis factor
PT alpha.

PS Claim 12; SEQ ID NO 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 138

ADD10297

ID ADD10297 standard; protein; 323 AA.

XX

AC ADD10297;

XX

DT 01-JAN-2004 (first entry)

XX

DE Human secreted/transmembrane PRO polypeptide #4.

XX

KW human; secreted protein; transmembrane protein; cardiovascular disorder;

KW endothelial disorder; angiogenic disorder; myocardial infarction;

KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;

KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;

KW endothelial cell tube formation.

XX

OS Homo sapiens.

XX

PN US2003105011-A1.

XX

PD 05-JUN-2003.

XX

PF 16-AUG-2002; 2002US-00223084.

XX

PR 15-SEP-2000; 2000US-0232887P.

PR 20-JUN-2001; 2001WO-US019692.

PR 09-JUL-2001; 2001WO-US021735.

PR 20-FEB-2002; 2002US-00081056.

XX

PA (GETH) GENENTECH INC.

XX

PI Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;

PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;

PI Watanabe CK, Williams PM, Wood WI, Ye W;

XX

DR WPI; 2003-810831/76.

DR N-PSDB; ADD10296.

XX

PT New isolated nucleic acid encoding a secreted and transmembrane

PT polypeptide for treating a cardiovascular, endothelial, or angiogenic

PT disorder in a mammal, such as cancer or age-related macular degeneration.

XX

PS Claim 11; SEQ ID NO 8; 493pp; English.

XX

CC The invention relates to an isolated nucleic acid encoding a secreted and

CC transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded

CC by the nucleic acid, or an agonist or antagonist, is used to treat a

CC cardiovascular, endothelial, or angiogenic disorder in a mammal,

CC preferably a human. The human may have suffered a myocardial infarction

CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular

CC degeneration. The cardiac hypertrophy is characterised by the presence of

CC an elevated level of PGF-2 alpha. A PRO polypeptide, given in the

CC specification, or an agonist is used to inhibit or stimulate endothelial

CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac

CC hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.

CC PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO

CC polypeptide, given in the specification, or an agonist is used to

CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial

CC cell tube formation. The present sequence represents the amino acid

CC sequence of a PRO polypeptide of the invention.

XX

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLEHT 60

Db 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLEHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGOQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGOQ 120

QY 121 LPPAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180

Db 121 LPPAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDESGDFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDESGDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 139

ADC47845

ID ADC47845 standard; protein; 323 AA.

XX

AC ADC47845;

XX

DT 01-JAN-2004 (first entry)

XX

DE Human PRO polypeptide #136.

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX

OS Homo sapiens.

XX

PN US2003194771-A1.

XX

PD 16-OCT-2003.

XX

PF 21-MAY-2002; 2002US-00152377.

XX

PR 09-DEC-1999; 99US-0170262P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX

PA (GETH) GENENTECH INC.

XX

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Gurney SL, Smith V;

PI Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX

DR WPI; 2003-844454/78.

DR N-PSDB; ADC47844.

XX

PT New secreted and transmembrane PRO polypeptides and nucleic acids useful

PT for detecting a tumor, stimulating the release of proteoglycans from

PT cartilage and stimulating the proliferation of endothelial cells.

XX

PS Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
DE transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
KW polypeptide, a method for stimulating the release of tumour necrosis
KW factor-alpha (TNF-alpha) from human blood, a method for stimulating the
KW proliferation or differentiation of chondrocyte cells and a method for
KW detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
KW colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
KW polynucleotides are useful in molecular biology, including uses as
KW hybridisation probes, in chromosome and gene mapping, in generating
KW antisense RNA and DNA and in gene therapy. The polynucleotides may also
KW be used in preparing PRO polypeptides by recombinant techniques and in
KW generating either transgenic animals or knock-out animals which are
KW useful in the development and screening of therapeutically useful
KW reagents. The PRO polypeptides or antibodies are used in preparing a
KW medicament for treating a condition responsive to the polypeptides or
KW antibodies, such as tumours, for stimulating and inhibiting proliferation
KW of human microvascular endothelial cells, for modulating the uptake of
KW glucose or FFA by skeletal muscle cells or adipocyte cells, for
KW stimulating differentiation of adipocyte cells, for stimulating
KW proliferation of or gene expression in pericyte cells, for stimulating
KW the proliferation of inner ear utricular supporting cells or T-lymphocyte
KW cells, for inducing endothelial cell tube formation and for treating
KW various bone and/or cartilage disorders such as sports injuries and
KW arthritis. PRO polypeptides which stimulate the release of proteoglycans
KW from cartilage are useful for treating sports-related joint problems,
KW articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
KW polypeptides are also useful for treating various mammalian haemoglobin-
KW associated disorders such as various thalassaemias and conditions which
KW may benefit from enhanced local immune system cell infiltration. This
KW sequence represents a human PRO polypeptide of the invention. Note: The
KW sequence data for this patent is also available in electronic format from
KW USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGLWVRLTGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGLWVRLTGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60
2y 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
2b 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
2y 121 LPFAELRQELMSLMPKQHLPLPLTLVRSFWSMDMSAQSFITTSWTFYLOADDGKIVIF 180
2b 121 LPFAELRQELMSLMPKQHLPLPLTLVRSFWSMDMSAQSFITTSWTFYLOADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
2y 241 ILFTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2b 241 ILFTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 140

ADC79905

ID ADC79905 standard; protein; 323 AA.

XX ADC79905;

AC ADC79905;

XX 01-JAN-2004 (first entry)

XX Novel human secreted and transmembrane protein PRO195.
DE Human; secreted and transmembrane protein; PRO; secreted polypeptide;
XX transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
KW rectum; kidney; cervix; liver; microvascular endothelial cell;
KW glucose uptake modulator; FFA uptake modulator; cell proliferation;
KW cell differentiation; skeletal muscle cell; adipocyte cell;
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW immune system cell infiltration; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX Homo sapiens.
OS US2003087358-A1.
XX 08-MAY-2003.
XX 22-APR-2002; 2002US-00127833.
XX 01-SEP-1998; 98US-0098750P.
XX 01-SEP-1999; 99WO-US020111.
XX 18-OCT-1999; 99US-00403297.
XX 18-FEB-2000; 2000WO-US004342.
XX 08-NOV-2000; 2000WO-US030952.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-801143/75.
XX N-PSDB; ADC79904.
XX New PRO nucleic acid, useful for manufacturing a medicament for
XX diagnosing or treating tumor.
XX Claim 12; Fig 272; 637pp; English.
XX The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
XX cells, for stimulating differentiation of adipocyte cells, for
XX stimulating proliferation of or gene expression in pericyte cells, for
XX stimulating the proliferation of inner ear utricular supporting cells or
XX T-lymphocyte cells, for inducing endothelial cell tube formation and for
XX treating various bone and/or cartilage disorders such as sports injuries
XX and arthritis. PRO polypeptides which stimulate the release of
XX proteoglycans from cartilage are useful for treating sports-related joint
XX problems, articular cartilage defects, osteoarthritis and rheumatoid

arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at segdata.uspto.gov/sequence.html.

DR N-PSDB; ADD11256.
XX
PT New isolated nucleic acid encoding a secreted and transmembrane
PT polypeptide, useful for treating a cardiovascular, endothelial, or
PT angiogenic disorder in a mammal, such as cancer or age-related macular
PT degeneration.

KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

OS Homo sapiens.
XX
PN US2003194775-A1.
XX
PD 16-OCT-2003.
XX
PF 28-MAY-2002; 2002US-00156848.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-852595/79.
DR N-PSDB; ADD09373.

XX
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
PT for detecting a tumor, stimulating the release of tumor necrosis factor
PT alpha from blood and stimulating the release of proteoglycans from
PT cartilage.

PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumor necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOWNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOWNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 143
ADD41087
ID ADD41087 standard; protein; 323 AA.
XX
AC ADD41087;
XX
DT 15-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.
OS
XX
XX US2003203438-A1.
XX
XX 30-OCT-2003.
XX
XX 15-MAY-2002; 2002US-00146786.
XX
XX 24-NOV-1997; 97US-0066511P.
XX 16-SEP-1998; 98WO-US019330.
XX 25-AUG-1999; 99US-00380139.
XX 22-FEB-2000; 2000WO-US004414.
XX 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-875645/81.
DR N-PSDB; ADD41086.

XX
PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
PS Claim 12; SEQ ID NO 272; 637pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PMBC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQELMSLMPKXHLFLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180
Db 121 LPFAELRQELMSLMPKXHLFLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180
QY 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYQLMRNSQAHNFLESDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYQLMRNSQAHNFLESDGESDGLRCLSLNSGW 240
QY 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
Db 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 144

ADD52226
ID ADD52226 standard; protein; 323 AA.

XX AC ADD52226;

XX 15-JAN-2004 (first entry)

DT Human PRO polypeptide #136.

DE Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX Sequence 323 AA;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
OS Homo sapiens.
XX US2003194769-A1.
PN 16-OCT-2003.
PD 21-MAY-2002; 2002US-00152374.
XX 09-DEC-1999; 99US-0170262P.
PF 01-DEC-2000; 2000WO-US032678.
XX 19-DEC-2001; 2001US-00028072.
PA (GETH) GENENTECH INC.
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-852593/79.
DR N-PSDB; ADD52225.
XX
PT New isolated, secreted and transmembrane PRO polypeptides and nucleic
PT acids, useful for detection of tumors, modulating the uptake of glucose
PT or free fatty acids and stimulating the release of proteoglycans from
PT cartilage.
XX Claim 12; Fig 272; 637pp; English.
PS
XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSWVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQNQ 120
|||||
61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQNQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 147

ADD37050

ID ADD37050 standard; protein; 323 AA.

AC ADD37050;

CC 15-JAN-2004 (first entry)

CE Human secreted/transmembrane PRO polypeptide #4.

CF human; secreted protein; transmembrane protein; cardiovascular disorder;
CW endothelial disorder; angiogenic disorder; myocardial infarction;
CX cardiac hypertrophy; trauma; cancer; age-related macular degeneration;
CY angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;
ZZ endothelial cell tube formation.

XX Homo sapiens.

US2003105012-A1.
05-JUN-2003.
16-AUG-2002; 2002US-00223088.
15-SEP-2000; 2000US-0232887P.
20-JUN-2001; 2001WO-US019692.
09-JUL-2001; 2001WO-US021735.
20-FEB-2002; 2002US-00081056.

(GETH) GENENTECH INC.

Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;
Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;
Watanabe CK, Williams PM, Wood WL, Ye W;

WPI; 2003-829354/77.
N-PSDB; ADD37049.

New isolated nucleic acids encoding a secreted and transmembrane polypeptide for treating a cardiovascular, endothelial, or angiogenic disorder in a mammal, such as cancer or age-related macular degeneration.

Claim 11; SEQ ID NO 8; 492pp; English.

The invention relates to an isolated nucleic acid encoding a secreted and transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded by the nucleic acid, or an agonist or antagonist, is used to treat a cardiovascular, endothelial, or angiogenic disorder in a mammal, preferably a human. The human may have suffered a myocardial infarction or has cardiac hypertrophy, trauma, a cancer, or age-related macular degeneration. The cardiac hypertrophy is characterised by the presence of an elevated level of PGP-2 alpha. A PRO polypeptide, given in the specification, or an agonist is used to inhibit or stimulate endothelial cell growth in a mammal. PRO21 or an agonist is used to induce cardiac hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis. PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO polypeptide, given in the specification, or an agonist is used to stimulate or inhibit smooth muscle cell growth, or to induce endothelial cell tube formation. The present sequence represents the amino acid sequence of a PRO polypeptide of the invention.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSWVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQNQ 120
|||||
61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQNQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 148
ADD51674
ID ADD51674 standard; protein; 323 AA.

Human; PRO; secreted polypeptide; transmembrane polypeptide;	KW
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;	KW
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;	KW
liver; microvascular endothelial cell; glucose; FFA;	KW
skeletal muscle cell; adipocyte cell; pericyte cell;	KW
inner ear utricular supporting cell; T-lymphocyte cell;	KW
endothelial cell tube formation; bone disorder; cartilage disorder;	KW
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;	KW
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;	KW
immune system cell infiltration.	KW

US2003194779-A1.

16-OCT-2003.

30-MAY-2002: 2002US-00160500.

05-JUN-2000; 2000US-0209832P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-852597/79.
N-PSDB; ADD51673.

New secreted and transmembrane PRO nucleic acids and polypeptides, useful for detecting the presence of a tumor, stimulating the release of tumor necrosis factor alpha from human blood and treating, e.g. organ failure.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial celltubule formation and for treating

various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

Sequence 323 AA;

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;

1 MAAPKGSLSWVRTOLGLPELLLTALAGSGTASAEAFDSVLGDTASCHRACQLTYPLHT 60

RESULT 149

R 18-OCT-1999; 99US-00403297.
R 18-FEB-2000; 2003WO-US004342.
R 24-AUG-2000; 2000WO-US023328.
R 01-DEC-2000; 2000WO-US032678.
R 19-DEC-2001; 2001US-00028072.
CX (GETH) GENENTECH INC.
CX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
CX WPI; 2003-875638/81.
R N-PSDB; ADD02472.
CX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
XT PRO4978, useful in molecular biology, chromosome and gene mapping, in
XT generating antisense RNA and DNA, and in gene therapy.
CX Claim 12; Fig 272; 637pp; English.
CX The invention relates to isolated human PRO polypeptides (secreted and
CX transmembrane polypeptides) and the polynucleotides encoding them. The
CX invention also relates to an antibody which specifically binds to a PRO
CX polypeptide, a method for stimulating the release of tumour necrosis
CX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CX proliferation or differentiation of chondrocyte cells and a method for
CX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CX polynucleotides are useful in molecular biology, including uses as
CX hybridisation probes, in chromosome and gene mapping, in generating
CX antisense RNA and DNA and in gene therapy. The polynucleotides may also
CX be used in preparing PRO polypeptides by recombinant techniques and in
CX generating either transgenic animals or knock-out animals which are
CX useful in the development and screening of therapeutically useful
CX reagents. The PRO polypeptides or antibodies are used in preparing a
CX medicament for treating a condition responsive to the polypeptides or
CX antibodies, such as tumours, for stimulating and inhibiting proliferation
CX of human microvascular endothelial cells, for modulating the uptake of
CX glucose or FFA by skeletal muscle cells or adipocyte cells, for
CX stimulating differentiation of adipocyte cells, for stimulating
CX proliferation of or gene expression in pericyte cells, for stimulating
CX the proliferation of inner ear utricular supporting cells or T-lymphocyte
CX cells, for inducing endothelial cell tube formation and for treating
CX various bone and/or cartilage disorders such as sports injuries and
CX arthritis. PRO polypeptides which stimulate the release of proteoglycans
CX from cartilage are useful for treating sports-related joint problems,
CX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CX polypeptides are also useful for treating various mammalian haemoglobin-
CX associated disorders such as various thalassaemias and conditions which
CX may benefit from enhanced local immune system cell infiltration. This
CX sequence represents a human PRO polypeptide of the invention. Note: The
CX sequence data for this patent is also available in electronic format from
CX USPTO at seqdata.uspto.gov/sequence.html.
CX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
2b 1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
2Y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLCQNQ 120
2b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLCQNQ 120
2Y 121 LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
2b 121 LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQSFNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
181 QSKPEIQYAPHLEQSFNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATATATAVEQYVPSEKLSIYGDLBFMNEQKLNRYPASSLVVVR 300
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
241 ILTTTLVLSVMVLLWICCATATATAVEQYVPSEKLSIYGDLBFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 150
ADD01907
ID ADD01907 standard; protein; 323 AA.
XX
AC ADD01907;
XX
DT 15-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS
XX US2003203430-A1.
FN
XX 30-OCT-2003.
PD
XX 23-APR-2002; 2002US-00128685.
PF
XX 11-AUG-1998; 98US-0096143P.
PR 02-JUN-1999; 99WO-US012252.
PR 30-MAR-2000; 2000US-00380137.
PR 30-MAR-2000; 2000WO-US008439.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-875637/81.
DR N-PSDB; ADD01906.
XX
PT New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGLWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

QY 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
|||
Db 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
|||

QY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMDSAQSFTSSWTFYLAQDDGKIVIF 180
|||
Db 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMDSAQSFTSSWTFYLAQDDGKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||

QY 241 ILTTTLVLSVMVLLWCATVATAVEQYVPSKLSIYGDLTFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWCATVATAVEQYVPSKLSIYGDLTFMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323
|||

RESULT 151
ADD54089
ID ADD54089 standard; protein; 323 AA.
XX
AC ADD54089;
XX
DT 15-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW Glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

gene therapy; chromosome identification; chromosome marker.
Homo sapiens.
US2003203432-A1.
30-OCT-2003.
10-MAY-2002; 2002US-00142886.
05-JUN-2000; 2000US-0209832P.
01-DEC-2000; 2000WO-US032678.
19-DEC-2001; 2001US-00028072.
(GETH) GENENTECH INC.
Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-875639/81.
N-PSDB; ADD54088.
New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PRO4978, useful in molecular biology, chromosome and gene mapping, in
generating antisense RNA and DNA, and in gene therapy.
Claim 12; SEQ ID NO 272; 637pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGLWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

QY 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
|||
Db 61 YPKEELYACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
|||

2y 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQWNSQAHRNFLEDGESDGFRLRCLSLNSGN 240
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQWNSQAHRNFLEDGESDGFRLRCLSLNSGN 240
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2y 301 SKTEDHHEAGPLPTKVNLAHSEI 323
301 SKTEDHHEAGPLPTKVNLAHSEI 323
RESULT 152
ADE49364
ID ADE49364 standard; protein; 323 AA.
XX AC ADE49364;
XX DT 29-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein, PRO195.
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX KS Homo sapiens.
XX PN US2003096744-A1.
XX PD 22-MAY-2003.
XX PF 28-JAN-2002; 2002US-00978187.
XX PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.

PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 27-APR-1998; 98US-0083336P.
PR 28-APR-1998; 98US-0083322P.
PR 29-APR-1998; 98US-0083392P.
PR 29-APR-1998; 98US-0083495P.
PR 29-APR-1998; 98US-0083496P.
PR 29-APR-1998; 98US-0083499P.
PR 29-APR-1998; 98US-0083500P.
PR 29-APR-1998; 98US-0083545P.
PR 29-APR-1998; 98US-0083554P.
PR 29-APR-1998; 98US-0083558P.
PR 29-APR-1998; 98US-0083559P.
PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
PR 06-MAY-1998; 98US-0084414P.
PR 06-MAY-1998; 98US-0084441P.
PR 07-MAY-1998; 98US-0084598P.
PR 07-MAY-1998; 98US-0084600P.
PR 07-MAY-1998; 98US-0084627P.
PR 07-MAY-1998; 98US-0084637P.
PR 07-MAY-1998; 98US-0084639P.
PR 07-MAY-1998; 98US-0084640P.
PR 07-MAY-1998; 98US-0084643P.
PR 13-MAY-1998; 98US-0085323P.
PR 13-MAY-1998; 98US-0085338P.
PR 13-MAY-1998; 98US-0085339P.
PR 15-MAY-1998; 98US-0085573P.
PR 15-MAY-1998; 98US-0085579P.
PR 15-MAY-1998; 98US-0085580P.
PR 15-MAY-1998; 98US-0085582P.
PR 15-MAY-1998; 98US-0085689P.
PR 15-MAY-1998; 98US-0085697P.
PR 15-MAY-1998; 98US-0085700P.
PR 15-MAY-1998; 98US-0085704P.
PR 18-MAY-1998; 98US-0086023P.
PR 22-MAY-1998; 98US-0086392P.
PR 22-MAY-1998; 98US-0086414P.
PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 28-MAY-1998; 98US-00105413.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98US-00168978.
PR 07-OCT-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00184216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 22-DEC-1998; 98US-0113296P.

PR	23-DEC-1998;	98US-0113621P.	
PR	05-JAN-1999;	99WO-US000106.	
PR	05-MAR-1999;	99US-00254465.	
PR	08-MAR-1999;	99WO-US005028.	
PR	10-MAR-1999;	99US-00265686.	
PR	10-MAR-1999;	99WO-US005190.	
PR	12-MAR-1999;	99US-00267213.	
PR	12-MAR-1999;	99US-0123957P.	
PR	29-MAR-1999;	99US-0126773P.	
PR	12-APR-1999;	99US-00284291.	
PR	21-APR-1999;	99US-0130232P.	
PR	26-APR-1999;	99US-0131022P.	
PR	28-APR-1999;	99US-0131445P.	
PR	14-MAY-1999;	99US-00311832.	
PR	14-MAY-1999;	99US-0134287P.	
PR	14-MAY-1999;	99WO-US010733.	
PR	02-JUN-1999;	99WO-US012252.	
PR	16-JUN-1999;	99US-0139557P.	
PR	23-JUN-1999;	99US-0141037P.	
PR	07-JUL-1999;	99US-0142680P.	
PR	26-JUL-1999;	99US-0145698P.	
PR	28-JUL-1999;	99US-0146222P.	
PR	25-AUG-1999;	99US-00380137.	
PR	25-AUG-1999;	99US-00380138.	
PR	25-AUG-1999;	99US-00380142.	
PR	29-OCT-1999;	99US-0162506P.	
PR	30-NOV-1999;	99WO-US028313.	
PR	02-DEC-1999;	99WO-US028551.	
PR	16-DEC-1999;	99WO-US028565.	
PR	30-DEC-1999;	99WO-US030095.	
PR	30-DEC-1999;	99WO-US031243.	
PR	30-DEC-1999;	99WO-US031274.	
PR	05-JAN-2000;	2000WO-US000219.	
PR	06-JAN-2000;	2000WO-US000277.	
PR	06-JAN-2000;	2000WO-US000376.	
PR	11-FEB-2000;	2000WO-US003565.	
PR	18-FEB-2000;	2000WO-US004341.	
PR	24-FEB-2000;	2000WO-US005004.	
PR	02-MAR-2000;	2000WO-US005841.	
PR	10-MAR-2000;	2000WO-US006319.	
PR	21-MAR-2000;	2000WO-US007532.	
PR	30-MAR-2000;	2000WO-US008439.	
PR	17-MAY-2000;	2000WO-US013705.	
PR	22-MAY-2000;	2000WO-US014042.	
PR	30-MAY-2000;	2000WO-US014941.	
PR	02-JUN-2000;	2000WO-US015264.	
PR	28-JUL-2000;	2000WO-US020710.	
PR	24-AUG-2000;	2000WO-US023328.	
PR	08-NOV-2000;	2000US-00709238.	
PR	27-NOV-2000;	2000US-00723749.	
PR	01-DEC-2000;	2000WO-US032678.	
PR	20-DEC-2000;	2000US-00747259.	
PR	20-DEC-2000;	2000WO-US034956.	
PR	28-FEB-2001;	2001WO-US006520.	
PR	22-MAR-2001;	2001US-00816744.	
PR	22-MAR-2001;	2001US-00816920.	
PR	22-MAR-2001;	2001WO-US009552.	
PR	10-MAY-2001;	2001US-00854208.	
PR	10-MAY-2001;	2001US-00854280.	
PR	25-MAY-2001;	2001WO-US017092.	
PR	01-JUN-2001;	2001US-00872035.	
PR	01-JUN-2001;	2001WO-US017800.	
PR	05-JUN-2001;	2001US-00874503.	
PR	14-JUN-2001;	2001US-00882636.	
PR	19-JUN-2001;	2001US-00886342.	
PR	20-JUN-2001;	2001WO-US019692.	
PR	29-JUN-2001;	2001WO-US021066.	
PR	09-JUL-2001;	2001WO-US021735.	
PR	30-JUL-2001;	2001US-00918585.	
XX		(GETH) GENENTECH INC.	
PA	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;		
XX			
PI			

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MAAPKGSWVRLGLPLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60	
Db	1	MAAPKGSWVRLGLPLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60	
QY	61	YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ	120	
Db	61	YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ	120	
QY	121	LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF	180	
Db	121	LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF	180	
QY	181	QSKPEIQYAPHLEQBPNTNRESSLSKMSYLQWRNSQAHNRFLEDGSDGFLRCLSLNSGW	240	
Db	181	QSKPEIQYAPHLEQBPNTNRESSLSKMSYLQWRNSQAHNRFLEDGSDGFLRCLSLNSGW	240	
QY	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR	300	
Db	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR	300	
QY	301	SKTEDEEAGPLPTKYNLAHSEI	323	
Db	301	SKTEDEEAGPLPTKYNLAHSEI	323	
RESULT 153				
ADD92406				
ID	ADD92406	standard; protein; 323 AA.		
XX				
AC	ADD92406;			
XX				
DT	29-JAN-2004	(first entry)		
XX				
DE	Human PRO polypeptide #136.			
XX				
KW	Human; PRO; secreted polypeptide; transmembrane polypeptide;			
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;			
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;			
KW	liver; microvascular endothelial cell; glucose; FFA;			
KW	skeletal muscle cell; adipocyte cell; pericyte cell;			
KW	inner ear utricular supporting cell; T-lymphocyte cell;			
KW	endothelial cell tube formation; bone disorder; cartilage disorder;			
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;			
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;			
KW	immune system cell infiltration.			
XX				
OS	Homo sapiens.			
XX				
PN	US2003199030-A1.			
XX				
PD	23-OCT-2003.			
XX				
PF	28-MAY-2002; 2002US-00156841.			
XX				
PR	03-MAR-2000; 2000US-0187202P.			
PR	01-DEC-2000; 2000WO-US032678.			
PR	19-DEC-2001; 2001US-00028072.			
XX				
PA	(GETH) GENENTECH INC.			
XX				
PI	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;			
PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;			
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;			
XX				
DR	WPI; 2003-900159/82.			
DR	N-PSDB; ADD92405.			
XX				
PT	Two hundred and seventy five nucleic acids encoding PRO polypeptides,			

PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

PS Claim 12; SEQ ID NO 272; 636pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLNVRVTLGLPPLLLTALAGSGGTASAPDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLNVRVTLGLPPLLLTALAGSGGTASAPDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDEHAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 154
ADD91302
ID ADD91302 standard; protein; 323 AA.

XX AC ADD91302;
XX DT 29-JAN-2004 (first entry)
XX DE Human PRO polypeptide #136.
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX OS Homo sapiens.
XX US2003199055-A1.
XX PN 23-OCT-2003.
XX PF 12-APR-2002; 2002US-00121063.
XX PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.

PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-900165/82.
N-PSDB; ADD91301.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 12; SEQ ID NO 272; 636pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRESSLKMSYLOMRNSOAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRESSLKMSYLOMRNSOAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 155

ADE03916

ID ADE03916 standard; protein; 323 AA.

XX

AC ADE03916;

XX

DT 29-JAN-2004 (first entry)

XX

DE Human PRO polypeptide #136.

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; r-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US2003199057-A1.

23-OCT-2003.

15-APR-2002; 2002US-00123213.

31-MAR-1997; 97WO-US005230.

12-JUN-1998; 98WO-US012456.

14-JUL-1998; 98WO-US014552.

28-AUG-1998; 98WO-US017888.

10-SEP-1998; 98WO-US018824.

14-SEP-1998; 98WO-US019093.

14-SEP-1998; 98WO-US019094.

16-SEP-1998; 98WO-US019330.

17-SEP-1998; 98WO-US019437.

07-OCT-1998; 98WO-US021141.

29-OCT-1998; 98WO-US022991.

29-OCT-1998; 98WO-US022992.

20-NOV-1998; 98WO-US024855.

01-DEC-1998; 98WO-US025108.

05-JAN-1999; 99WO-US000106.

08-MAR-1999; 99WO-US005028.

10-MAR-1999; 99WO-US005190.

10-MAR-1999; 2000WO-US006319.

20-APR-1999; 99WO-US008615.

14-MAY-1999; 99WO-US010733.

02-JUN-1999; 99WO-US012252.

01-SEP-1999; 99WO-US020111.

08-SEP-1999; 99WO-US020594.

13-SEP-1999; 99WO-US020944.

15-SEP-1999; 99WO-US021090.

15-SEP-1999; 99WO-US021547.

05-OCT-1999; 99WO-US023089.

29-NOV-1999; 99WO-US028214.

30-NOV-1999; 99WO-US028313.

30-NOV-1999; 99WO-US028409.

01-DEC-1999; 99WO-US028301.

01-DEC-1999; 99WO-US028634.

02-DEC-1999; 99WO-US028551.

02-DEC-1999; 99WO-US028564.

02-DEC-1999; 99WO-US028565.

16-DEC-1999; 99WO-US030095.

20-DEC-1999; 99WO-US030911.

20-DEC-1999; 99WO-US030999.

22-DEC-1999; 99WO-US030720.

30-DEC-1999; 99WO-US031243.

30-DEC-1999; 99WO-US031274.

05-JAN-2000; 2000WO-US000219.

06-JAN-2000; 2000WO-US000277.

06-JAN-2000; 2000WO-US000376.

11-FEB-2000; 2000WO-US003565.

18-FEB-2000; 2000WO-US004341.

18-FEB-2000; 2000WO-US004342.

22-FEB-2000; 2000WO-US004414.

24-FEB-2000; 2000WO-US004914.

24-FEB-2000; 2000WO-US005004.

01-MAR-2000; 2000WO-US005601.

02-MAR-2000; 2000WO-US005746.

02-MAR-2000; 2000WO-US005841.

15-MAR-2000; 2000WO-US006884.

20-MAR-2000; 2000WO-US007377.

21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-900167/82.
N-PSDB; ADE03915.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNEQKLNRYPASSLVVVR 300
Db 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPKVNLAHSEI 323

RESULT 156

ID ADE32213 standard; protein; 323 AA.

XX ADE32213;

XX 29-JAN-2004 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.

OS Homo sapiens.

XX US2003194765-A1.

XX

PD 16-OCT-2003.

XX 09-MAY-2002; 2002US-00142889.

XX 03-MAR-2000; 2000US-0187202P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-899784/82.

DR N-PSDB; ADE32212.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

PS Claim 12; SEQ ID NO 272; 636pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and
CC transmembrane) polypeptides (I). (I) is useful for stimulating the
CC release of TNF-alpha from human blood, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating the proliferation or differentiation of chondrocyte cells,
CC for stimulating the proliferation of or gene expression in pericyte
CC cells, for stimulating the release of proteoglycans from cartilage, for
CC stimulating the proliferation of inner ear utricular supporting cells,
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating
CC the release of a cytokine from PBMC cells, for inhibiting the binding of
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
CC cells, for stimulating proliferation of endothelial cells, for detecting
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
CC are useful for isolating genomic and cDNA nucleotide sequences or
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
CC in assays to identify other proteins or molecules involved in binding
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
CC and gene mapping, in generation of antisense RNA and DNA, in the
CC preparation of PRO polypeptide, for generating transgenic animals or
CC knockout animals which in turn are useful in the development and
CC screening of therapeutically useful reagents, in gene therapy, for
CC chromosome identification, as chromosome marker, and for generating
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
CC detecting its expression in specific cells, tissues or serum, and for
CC affinity purification of PRO from recombinant cell culture or natural
CC sources. (I) and (II) are useful for tissue typing. This is the amino
CC acid sequence of a novel human secreted and transmembrane PRO
CC polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

XX

b 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYIQMRNSQAHNFILEDGESDGLRCLTSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHREAGPLPTKVNLAHSEI 323
b 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 157
ADE22145
D ADE22145 standard; protein; 323 AA.
X
C ADE22145;
X
T 29-JAN-2004 (first entry)
X Human PRO polypeptide #136.
X Human; PRO; secreted polypeptide; transmembrane polypeptide;
X tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
X cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
X liver; microvascular endothelial cell; glucose; FFA;
X skeletal muscle cell; adipocyte cell; pericyte cell;
X inner ear utricular supporting cell; T-lymphocyte cell;
X endothelial cell tube formation; bone disorder; cartilage disorder;
X sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
X rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
X immune system cell infiltration.

XX Homo sapiens.

XX US2003199056-A1.

XX 23-OCT-2003.

XX 15-APR-2002; 2002US-00123212.

XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 16-SEP-1998; 98WO-US019177.
PR 17-SEP-1998; 98WO-US019330.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.

PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
PA
XX
PI
PI
PI
XX

DR WPI; 2003-900166/82.
DR N-PSDB; ADE22144.

DR N-PSDB; ADE22144.

Two hundred and seventy five nucleic acids encoding PRO polypeptides, useful for treating pericyte-associated tumors, diabetes and various bone and/or cartilage disorders, e.g. arthritis.

PS Claim 12: Fig 272: 638pp: English:

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiating of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at segdata.uspto.gov.

Sequence 323 AA;

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 1 MAAPKGS L V R T Q L G E P P L L L T W A L A G G S G T A S A E F D S V L G D T A S C H R A C O L T Y P L I H T 60

Db 1 MAAPKGSWVRTQGLPPLLLLTMALAGSGTASAEFDSVLGDTASCHRAQLTYPLHT 60

0v 61 YPKEEELYACORGCRLEFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

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QY 121 LPFAELRQEQLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKI VIF 180

121 LPFAELRQEBQLMSLMPKMHLLFPLTLVRSEFWSMDMDSAQSFITSSWTFYLAQDDGKIVIP 180

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[illegible]

Db 181 QSKPEIQYAPHLBQBPNTLRESSLSKMSYLMRNSQAHRNPLBDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLNWCATVATAVEO

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RESULT 158

ADD79369

ID ADD79369 standard; protein: 323 AA.

AA
AC ADD79369;

DT 29-JAN-2004 (first entry)

Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US2003203428-A1.

30-OCT-2003-

22-APR-2002: 2002US-00127852.

09-08C-1999. 99MS-0170262P.

09=DEC-1999; 9905-VI7026ZF;
03=DEC-2000; 2000WO-TS032678;

01=DEC-2000; 2000MO-03032018;
19=DEC-2001; 2001DS-09028072;

(GRTH) GENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W, Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S, Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPT: 2003-875635/81.

WEI, ZUO3-873833/
N-PSDB: ADD79368.

New isolated, secreted and transmembrane PRO polypeptides and nucleic acids, useful for the diagnosis, prevention and/or treatment of tumors, such as lung, colon, breast, prostate, rectal, cervical and/or liver tumors.

Claim 12: Fig 272: 637pp: English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating

C various bone and/or cartilage disorders such as sports injuries and
C arthritis. PRO polypeptides which stimulate the release of proteoglycans
C from cartilage are useful for treating sports-related joint problems, PRO
C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
C polypeptides are also useful for treating various mammalian haemoglobin-
C associated disorders such as various thalassaemias and conditions which
C may benefit from enhanced local immune system cell infiltration. This
C sequence represents a human PRO polypeptide of the invention. Note: The
C sequence data for this patent is also available in electronic format from
C the USPTO website at seqdata.uspto.gov.

Q Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
Y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Y 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFELEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFELEDGESDGLRCLSLNSGW 240
Y 241 ILFTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFWMNEQKLNRYPASSILVVR 300
b 241 ILFTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFWMNEQKLNRYPASSILVVR 300
Y 301 SKTEDHEERAGLPPTKVNLAHSEI 323
b 301 SKTEDHEERAGLPPTKVNLAHSEI 323

RESULT 159
DE35418
D ADE35418 standard; protein; 323 AA.
X X ADE35418;
X X ADE35418;
X 29-JAN-2004 (first entry)
X Human secreted/transmembrane protein, PRO195.
X Human; secreted protein; transmembrane protein; PRO; cytostatic;
X ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
X auditory; tumour growth; retinal disorder; sports-related joint problem;
X articular cartilage defects; osteoarthritis; rheumatoid arthritis;
X wound healing; hearing loss.
X Homo sapiens.
X US2003203434-A1.
X 30-OCT-2003.
X 18-OCT-2001; 2001US-00145088.
X 15-MAY-1998; 98US-0085689P.
X 08-MAR-1999; 99WO-US005028.
X 28-APR-1999; 99US-0131445P.
X 25-AUG-1999; 99US-00380138.
X 18-FEB-2000; 2000WO-US004341.
X 30-JUL-2001; 2001US-00918585.

PA (GETH) GENENTECH INC.
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-875641/81.
DR N-PSDB; ADE35417.

XX New genes, and its encoded secreted and transmembrane polypeptides,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.

PS Claim 12; SEQ ID NO 330; 462pp; English.
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for linking a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.

SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 160
ADE16532
ID ADE16532 standard; protein; 323 AA.
XX
AC ADE16532;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO195.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytosstatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

XX
OS Homo sapiens.
XX
PN US2003203435-A1.
PD 30-OCT-2003.
XX
PF 18-OCT-2001; 2001US-00145092.
XX
PR 30-APR-1998; 98US-0083742P.
PR 08-MAR-1999; 99WO-US005028.
PR 23-JUN-1999; 99US-0141037P.
PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.

XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;

XX
DR WPI; 2003-875642/81.
DR N-PSDB; ADE16531.
XX
PT New genes, and its encoded secreted and transmembrane polypeptides,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.
XX
PS Claim 12; SEQ ID NO 330; 452pp; English.

XX
CC The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide, a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimaeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.

CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5,Se-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPILLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSILWVRTQLGLPILLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEELYACQRCGLFSCICQFVDDGIDILNRTKLECESEACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEELYACQRCGLFSCICQFVDDGIDILNRTKLECESEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 161
ADD73147

ID ADD73147 standard; protein; 323 AA.

XX
AC ADD73147;

XX
DT 29-JAN-2004 (first entry)

XX Human secreted/transmembrane protein, PRO195.

XX Human; secreted protein; transmembrane protein; PRO; cytosstatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

XS Homo sapiens.
CX US2003203436-A1.
PX 30-OCT-2003.
DX 18-OCT-2001; 2001US-00145129.
FX 22-MAY-1998; 98US-0086414P.
TX 22-DEC-1998; 98US-0113296P.
RX 05-JAN-1999; 99WO-US000106.
RX 08-MAR-1999; 99WO-US0005028.
RX 12-APR-1999; 99US-00284291.
RX 25-AUG-1999; 99US-00380138.
RX 18-FEB-2000; 2000WO-US004341.
RX 30-JUL-2001; 2001US-00918585.
X (GETH) GENENTECH INC.
A Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
X Ferrara N, Filvaroff E, Pong S, Gao W, Gerber H, Gerritsen ME;
I Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
I Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
I Stewart TA, Tumas D, Williams PM, Wood WI;
CX WPI; 2003-875643/81.
RX N-PSDB; ADD73146.
RX New PRO genes and encoded secreted and transmembrane polypeptides, useful
TX for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid
TX arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or
TX wounds.
X Claim 12; SEQ ID NO 330; 453pp; English.
X The invention relates to an isolated PRO polypeptide (secreted or
X transmembrane protein) having at least 80% amino acid sequence identity
X to an amino acid sequence chosen from 94 fully defined sequences as given
X in the specification (including PRO lacking its associated signal
X peptide, a PRO extracellular domain with or without its associated signal
X peptide). Also included are nucleic acids encoding the PRO proteins
X mentioned above, a vector comprising a PRO nucleic acid, a host cell
X comprising the vector and producing PRO, a chimaeric molecule comprising
X PRO fused to a heterologous amino acid sequence, and an anti-PRO
X antibody. PRO337 polypeptide is useful for detecting a PRO4993
X polypeptide in a sample suspected of containing PRO4993 polypeptide.
X Similarly, PRO4993 polypeptide is useful for detecting PRO337
X polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
X PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
X PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
X bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
X molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
X causes death of the cell. PRO337 polypeptide is useful for linking a
X bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
X PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
X to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
X useful for linking a bioactive molecule to a cell expressing PRO725,
X PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
X polypeptide is useful for modulating at least one biological activity of
X the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
X polypeptide or anti-PRO4993 polypeptide is useful for modulating the
X biological activity of the cell expressing PRO4993 polypeptide; PRO725,
X PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
X modulating the biological activity of the cell expressing PRO1559
X polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
X PRO739 polypeptide is useful for modulating the biological activity of
X the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
X polypeptides are useful for inhibiting tumour growth, retinal disorders,
X sports-related joint problems, articular cartilage defects,
X osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
X mammals. The present sequence represents a PRO protein.
CX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEBAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEBAGPLPTKVNLAHSEI 323
RESULT 162
ID ADE41905 standard; protein; 323 AA.
XX AC ADE41905;
XX DT 29-JAN-2004 (first entry)
XX DE Human PRO polypeptide #136.
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX OS Homo sapiens.
XX PN US2003194772-A1.
XX PD 16-OCT-2003.
XX PF 21-MAY-2002; 2002US-00152386.
XX PR 03-MAR-2000; 2000US-0187202P.
XX PR 01-DEC-2000; 2000WO-US032678.
XX PR 19-DEC-2001; 2001US-00028072.
XX PA (GETH) GENENTECH INC.
XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-899788/82.
DR N-PSDB; ADE41904.
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,

PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db |||||
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDINRTKLECESACTRAYSQSDEQYACHLGCNQ 120
Db |||||
QY 121 LPFAELRQELMSLMPKWHLLFPITLVRFSWSDMMDSAQSFTTSSWTFYLOADDGKIVIF 180
Db |||||
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSCW 240
Db |||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPEKLSIYGLDFNNEQKLNRYPASSLVVVR 300
Db |||||
QY 301 SKTEDHREAGPLPTKYNLAHSEI 323
Db |||||

RESULT 163
ADE17722
ID ADE17722 standard; protein; 323 AA.

XX ADE17722;
XX 29-JAN-2004 (first entry)
XX Human PRO polypeptide #136.
DE Human; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS
XX US2003199023-A1.
PN
XX 23-OCT-2003.
PD
XX 17-APR-2002; 2002US-00124821.
PF
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.

R	18-FEB-2000;	2000WO-US0043432.
R	22-FEB-2000;	2000WO-US004414.
R	24-FEB-2000;	2000WO-US004914.
R	24-FEB-2000;	2000WO-US005004.
R	01-MAR-2000;	2000WO-US005601.
R	02-MAR-2000;	2000WO-US005746.
R	02-MAR-2000;	2000WO-US005841.
R	15-MAR-2000;	2000WO-US006884.
R	20-MAR-2000;	2000WO-US007377.
R	21-MAR-2000;	2000WO-US007532.
R	30-MAR-2000;	2000WO-US008439.
R	17-MAY-2000;	2000WO-US013705.
R	22-MAY-2000;	2000WO-US014042.
R	30-MAY-2000;	2000WO-US014941.
R	02-JUN-2000;	2000WO-US015264.
R	28-JUL-2000;	2000WO-US020710.
R	11-AUG-2000;	2000WO-US022031.
R	23-AUG-2000;	2000WO-US023522.
R	24-AUG-2000;	2000WO-US023328.
R	08-NOV-2000;	2000WO-US030952.
R	10-NOV-2000;	2000WO-US030873.
R	01-DEC-2000;	2000WO-US032678.
R	20-DEC-2000;	2000US-00747259.
R	20-DEC-2000;	2000WO-US034956.
R	28-FEB-2001;	2001US-00796498.
R	28-FEB-2001;	2001WO-US006520.
R	01-MAR-2001;	2001WO-US006666.
R	09-MAR-2001;	2001US-00802706.
R	12-MAR-2001;	2001US-00808689.
R	22-MAR-2001;	2001US-00816744.
R	05-APR-2001;	2001US-00828366.
R	10-MAY-2001;	2001US-00854208.
R	10-MAY-2001;	2001US-00854280.
R	18-MAY-2001;	2001US-00860216.
R	25-MAY-2001;	2001US-00866028.
R	25-MAY-2001;	2001US-00866034.
R	25-MAY-2001;	2001WO-US017092.
R	01-JUN-2001;	2001US-00872035.
R	01-JUN-2001;	2001WO-US017800.
R	05-JUN-2001;	2001US-00874503.
R	14-JUN-2001;	2001US-00882636.
R	19-JUN-2001;	2001US-00886342.
R	20-JUN-2001;	2001WO-US019692.
R	21-JUN-2001;	2001US-00887879.
R	22-JUN-2001;	2001WO-US020116.
R	29-JUN-2001;	2001WO-US021066.
R	09-JUL-2001;	2001WO-US021735.
R	18-JUL-2001;	2001US-00908827.
R	06-AUG-2001;	2001US-00924419.
R	09-AUG-2001;	2001US-00927796.
R	16-AUG-2001;	2001US-00931836.
R	19-DEC-2001;	2001US-00028072.

proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at segdata.uspto.gov/sequence.html.

Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney

KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.

PN US2003199053-A1.

XX 23-OCT-2003.

PF 12-APR-2002; 2002US-00121053.

XX 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 14-SEP-1998; 98WO-US019177.

PR 16-SEP-1998; 98WO-US019330.

PR 17-SEP-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.

PR 29-OCT-1998; 98WO-US022992.

PR 20-NOV-1998; 98WO-US024855.

PR 01-DEC-1998; 98WO-US025108.

PR 05-JAN-1999; 99WO-US000106.

PR 08-MAR-1999; 99WO-US005028.

PR 10-MAR-1999; 99WO-US005190.

PR 10-MAR-1999; 2000WO-US006319.

PR 20-APR-1999; 99WO-US008615.

PR 14-MAY-1999; 99WO-US010733.

PR 02-JUN-1999; 99WO-US012252.

PR 01-SEP-1999; 99WO-US020111.

PR 08-SEP-1999; 99WO-US020594.

PR 13-SEP-1999; 99WO-US020944.

PR 15-SEP-1999; 99WO-US021090.

PR 15-SEP-1999; 99WO-US021547.

PR 05-OCT-1999; 99WO-US023089.

PR 29-NOV-1999; 99WO-US028214.

PR 30-NOV-1999; 99WO-US028313.

PR 30-NOV-1999; 99WO-US028409.

PR 01-DEC-1999; 99WO-US028301.

PR 01-DEC-1999; 99WO-US028634.

PR 02-DEC-1999; 99WO-US028551.

PR 02-DEC-1999; 99WO-US028564.

PR 02-DEC-1999; 99WO-US028565.

PR 16-DEC-1999; 99WO-US030095.

PR 20-DEC-1999; 99WO-US030911.

PR 20-DEC-1999; 99WO-US030999.

PR 22-DEC-1999; 99WO-US030720.

PR 30-DEC-1999; 99WO-US031243.

PR 30-DEC-1999; 99WO-US031274.

PR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.

PR 11-FEB-2000; 2000WO-US003565.

PR 18-FEB-2000; 2000WO-US004341.

PR 18-FEB-2000; 2000WO-US004342.

PR 22-FEB-2000; 2000WO-US004414.

PR 24-FEB-2000; 2000WO-US004914.

PR 24-FEB-2000; 2000WO-US005004.

PR 01-MAR-2000; 2000WO-US005601.

PR 02-MAR-2000; 2000WO-US005746.

PR 02-MAR-2000; 2000WO-US005841.

PR 15-MAR-2000; 2000WO-US006884.

PR 20-MAR-2000; 2000WO-US007377.

PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;
Geritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-900164/82.
N-PSDB; ADD91853.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 12; SEQ ID NO 272; 636pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a

C medicament for treating a condition responsive to the polypeptides or
C antibodies, such as tumours, for stimulating and inhibiting proliferation
C of human microvascular endothelial cells, for modulating the uptake of
C glucose or FFA by skeletal muscle cells or adipocyte cells, for
C stimulating differentiation of adipocyte cells, for stimulating
C proliferation of or gene expression in pericyte cells, for stimulating
C the proliferation of inner ear utricular supporting cells or T-lymphocyte
C cells, for inducing endothelial cell tube formation and for treating
C various bone and/or cartilage disorders such as sports injuries and
C arthritis. PRO polypeptides which stimulate the release of proteoglycans
C from cartilage are useful for treating sports-related joint problems,
C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
C polypeptides are also useful for treating various mammalian haemoglobin-
C associated disorders such as various thalassaemias and conditions which
C may benefit from enhanced local immune system cell infiltration. This
C sequence represents a human PRO polypeptide of the invention. Note: The
C sequence data for this patent is also available in electronic format from
C USPTO at seqdata.uspto.gov/sequence.html.

X
Q Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
b 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQ 120
|||
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQ 120
|||
Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
|||
b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
|||
Y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNSQAHNFLEDSGDGFLRCLSLNSGW 240
|||
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNSQAHNFLEDSGDGFLRCLSLNSGW 240
|||
Y 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
b 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Y 301 SKTEDHEEAGPLTPKVNLAHSEI 323
|||
b 301 SKTEDHEEAGPLTPKVNLAHSEI 323
|||

RESULT 165

DE33317

D ADE33317 standard; protein; 323 AA.

CX ADE33317;

CX 29-JAN-2004 (first entry)

CX Novel human secreted and transmembrane protein PRO195.

CX Human; secreted and transmembrane protein; PRO;

CX Tumour necrosis factor alpha release; TNF-alpha release;

CX glucose uptake modulator; FFA uptake modulator;

CX cell proliferation stimulator; cell differentiation stimulator;

CX cell differentiation inhibitor; cytokine release stimulator; tumour;

CX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

CX cervical tumour; liver tumour; chromosome mapping; gene mapping;

CX gene therapy; chromosome identification; chromosome marker.

CX Homo sapiens.

CX US2003194767-A1.

CX

CX

PD 16-OCT-2003.

XX 16-MAY-2002; 2002US-00147497.

XX 26-AUG-1998; 98US-0097951P.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 30-MAR-2000; 2000WO-US008439.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-899786/82.

DR N-PSDB; ADE33316.

XX

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,

PT useful for treating pericyte-associated tumors, diabetes and various bone

PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; SEQ ID NO 272; 636pp; English.

XX

CC The invention describes 305 nucleic acids encoding PRO (secreted and

CC transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the proliferation of or gene expression in pericyte

CC cells, for stimulating the release of proteoglycans from cartilage, for

CC stimulating the proliferation of inner ear utricular supporting cells,

CC for stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from BMC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

CC detecting its expression in specific cells, tissues or serum, and for

CC affinity purification of PRO from recombinant cell culture or natural

CC sources. (I) and (II) are useful for tissue typing. This is the amino

CC acid sequence of a novel human secreted and transmembrane PRO

CC polypeptide.

XX

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

|||

Db 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

|||

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQ 120

|||

Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCQ 120

|||

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

|||

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

|||

CX WPI; 2003-899790/82.
XR N-PSDB; ADE33868.
CX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
CX
PS Claim 12; SEQ ID NO 272; 636pp; English.
CX
XC The invention describes 305 nucleic acids encoding PRO (secreted and
XC transmembrane) polypeptides (I). (I) is useful for stimulating the
XC release of TNF-alpha from human blood, for modulating the uptake of
XC glucose or FFA by skeletal muscle cells or adipocyte cells, for
XC stimulating the proliferation or differentiation of chondrocyte cells,
XC for stimulating the proliferation of or gene expression in pericyte
XC cells, for stimulating the release of proteoglycans from cartilage, for
XC stimulating the proliferation of inner ear utricular supporting cells,
XC for stimulating the proliferation of T-lymphocyte cells, for stimulating
XC the release of a cytokine from PBMC cells, for inhibiting the binding of
XC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
XC cells, for stimulating proliferation of endothelial cells, for detecting
XC the presence of tumour in a mammal. The tumour is lung, colon, breast,
XC prostate, rectal, cervical or liver tumour. The oligonucleotide probes
XC are useful for isolating genomic and cDNA nucleotide sequences or
XC antisense probes. (I) is also useful as therapeutic agent. PRO is useful
XC in assays to identify other proteins or molecules involved in binding
XC interaction. A polynucleotide (II) encoding (I) is useful in chromosome
XC and gene mapping, in generation of antisense RNA and DNA, in the
XC preparation of PRO polypeptide, for generating transgenic animals or
XC knockout animals which in turn are useful in the development and
XC screening of therapeutically useful reagents, in gene therapy, for
XC chromosome identification, as chromosome marker, and for generating
XC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
XC detecting its expression in specific cells, tissues or serum, and for
XC affinity purification of PRO from recombinant cell culture or natural
XC sources. (I) and (II) are useful for tissue typing. This is the amino
XC acid sequence of a novel human secreted and transmembrane PRO
XC polypeptide.
CX
XQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

NY 1 MAAPKGLWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTFPLHT 60
b 1 MAAPKGLWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTFPLHT 60
NY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
NY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIP 180
b 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIP 180
NY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQMRNSQAHNFTLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQMRNSQAHNFTLEDGESDGLRCLSLNSGW 240
NY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFWEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFWEQKLNRYPASSLWVVR 300
NY 301 SKTEDEHERAGPLPTKVNLAHSEI 323
b 301 SKTEDEHERAGPLPTKVNLAHSEI 323

ESULT 167
DD79921

ID XX ADD79921 standard; protein; 323 AA.
AC AC ADD79921;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
OS
XX US2003207417-A1.
PN
XX 06-NOV-2003.
PD
XX 07-MAY-2002; 2002US-00140805.
XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.

PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

PA (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers E, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CX, Wood WI, Zhang Z;

XX WPI; 2003-875867/81.
DR N-PSDB; ADD79920.

XX
PT New PRO nucleic acid, useful for manufacturing a medicament for
PT diagnosing or treating tumor, for chromosome mapping or for tissue
PT typing.

XX
PS Claim 12; Fig 272; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db |||||
QY 61 YPKHEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
Db |||||
QY 121 LPFAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db |||||
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRNLEDGESDGLRCLSLNSGW 240
Db |||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVR 300
Db |||||
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db |||||

RESULT 168

ADD92958
ID ADD92958 standard; protein; 323 AA.

XX
AC ADD92958;

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.

XX Homo sapiens.

PN US2003194768-A1.

PD 16-OCT-2003.

PF 21-MAY-2002; 2002US-00152371.

PC 03-MAR-2000; 2000US-0187202P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

PC (GETH) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

PC WPI; 2003-899787/82.

PR N-PSDB; ADD92957.

PC Two hundred and seventy five nucleic acids encoding PRO polypeptides,

PC useful for treating pericyte-associated tumors, diabetes and various bone

PC and/or cartilage disorders, e.g. arthritis.

PC Claim 12; SEQ ID NO 272; 636pp; English.

PC The invention relates to isolated human PRO polypeptides (secreted and
PC transmembrane polypeptides) and the polynucleotides encoding them. The
PC invention also relates to an antibody which specifically binds to a PRO
PC polypeptide, a method for stimulating the release of tumour necrosis
PC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
PC proliferation or differentiation of chondrocyte cells and a method for
PC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
PC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
PC polynucleotides are useful in molecular biology, including uses as
PC hybridisation probes, in chromosome and gene mapping, in generating
PC antisense RNA and DNA and in gene therapy. The polynucleotides may also
PC be used in preparing PRO polypeptides by recombinant techniques and in
PC generating either transgenic animals or knock-out animals which are
PC useful in the development and screening of therapeutically useful
PC reagents. The PRO polypeptides or antibodies are used in preparing a
PC medicament for treating a condition responsive to the polypeptides or
PC antibodies, such as tumours, for stimulating and inhibiting proliferation
PC of human microvascular endothelial cells, for modulating the uptake of
PC glucose or FFA by skeletal muscle cells or adipocyte cells, for
PC stimulating differentiation of adipocyte cells, for stimulating
PC the proliferation of or gene expression in pericyte cells, for stimulating
PC the proliferation of inner ear utricular supporting cells or T-lymphocyte
PC cells, for inducing endothelial cell tube formation and for treating
PC various bone and/or cartilage disorders such as sports injuries and
PC arthritis. PRO polypeptides which stimulate the release of proteoglycans
PC from cartilage are useful for treating sports-related joint problems,
PC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
PC polypeptides are also useful for treating various mammalian haemoglobin-
PC associated disorders such as various thalassaemias and conditions which
PC may benefit from enhanced local immune system cell infiltration. This
PC sequence represents a human PRO polypeptide of the invention. Note: The
PC sequence data for this patent is also available in electronic format from
PC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

XX Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSGLWVQTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSGLWVQTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCGLPFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEELYACQRCGLPFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLMQMRNSQAHNPFLEDCESDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLMQMRNSQAHNPFLEDCESDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 169

ADD72505

ID ADD72505 standard; protein; 323 AA.

AC ADD72505;

DT 29-JAN-2004 (first entry)

DE Human secreted/transmembrane protein, PRO195.

KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.

OS Homo sapiens.

PN US2003194781-A1.

PD 16-OCT-2003.

PF 19-OCT-2001; 2001US-00164929.

PC 30-MAR-1998; 98US-0079920P.

PC 07-OCT-1998; 98WO-US021141.

PC 20-NOV-1998; 98WO-US024855.

PC 05-JAN-1999; 99WO-US000106.

PC 08-MAR-1999; 99WO-US005028.

PC 10-MAR-1999; 99WO-US005190.

PC 15-APR-1999; 99WO-US008313.

PC 14-MAY-1999; 99WO-US010733.

PC 25-AUG-1999; 99US-00380138.

PC 30-NOV-1999; 99WO-US028313.

PC 02-DEC-1999; 99WO-US028551.

PC 02-DEC-1999; 99WO-US028565.

PC 16-DEC-1999; 99WO-US030095.

PC 30-DEC-1999; 99WO-US031243.

PC 30-DEC-1999; 99WO-US031274.

PC 05-JAN-2000; 2000WO-US000219.

PC 06-JAN-2000; 2000WO-US000277.

PC 06-JAN-2000; 2000WO-US000376.

PC 11-FEB-2000; 2000WO-US003565.

PC 18-FEB-2000; 2000WO-US004341.

PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2003-852598/79.
DR N-PSDB; ADD72504.
XX
PT New secreted and transmembrane PRO nucleic acids and polypeptides, useful
PT for stimulating the release of tumor necrosis factor alpha from human
PT blood and stimulating the proliferation of differentiation of chondrocyte
PT cells.
XX
PS Claim 12; SEQ ID NO 330; 462pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,

CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGOQNO 120
Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGOQNO 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYIQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYIQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMBOKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMBOKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 170
ADE19378
ID ADE19378 standard; protein; 323 AA.
XX
AC ADE19378;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003199025-A1.
XX
PD 23-OCT-2003.
XX
PF 21-MAY-2002; 2002US-00152385.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-900156/82.
N-PSDB; ADE19377.
Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.
Claim 12; SEQ ID NO 272; 648pp; English.
The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems,
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: The
sequence data for this patent is also available in electronic format from
USPTO at seqdata.uspto.gov/sequence.html.
Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLSVWRTQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACQLTYPLET 60
1 MAAPKGSLSVWRTQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACQLTYPLET 60
61 YPKEEELVACQRCRLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
61 YPKEEELVACQRCRLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
301 SKTEDHEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEAGPLPTKVNLAHSEI 323
RESULT 171
ADE18826
ID ADE18826 standard; protein; 323 AA.
XX
AC ADE18826;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
OS Homo sapiens.
XX
PN US2003199026-A1.
PD 23-OCT-2003.
XX
PF 20-MAY-2002; 2002US-00152393.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-900157/82.
DR N-PSDB; ADE18825.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; SEQ ID NO 272; 636pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATVEQYVPSEKLSIYGDLIEFNEQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATVEQYVPSEKLSIYGDLIEFNEQKLNRYPASSLWVR 300
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 172
ADE43022
ID ADE43022 standard; protein; 323 AA.
XX ADE43022;
AC ADE43022;
XX 29-JAN-2004 (first entry)
XX Human PRO polypeptide #136.
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX Homo sapiens.
XX US2003199033-A1.
XX 23-OCT-2003.
XX 28-MAY-2002; 2002US-00156845.
XX 05-JUN-2000; 2000US-0209832P.

PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-900162/82.
DR N-PSDB; ADE43021.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.
XX
PS Claim 12; Fig 272; 636pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFANNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFANNEQKLNRYPASSLVVVR 300
301 SKTEDHERAGPLPTKVNLAHSEI 323
301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 173
DD95811
D ADD95811 standard; protein; 323 AA.
X
X ADD95811;
X
X 29-JAN-2004 (first entry)
X
X Human PRO polypeptide #136.
X
X Human; PRO; secreted polypeptide; transmembrane polypeptide;
X tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
X cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
X liver; microvascular endothelial cell; glucose; FFA;
X skeletal muscle cell; adipocyte cell; pericyte cell;
X inner ear utricular supporting cell; T-lymphocyte cell;
X endothelial cell tube formation; bone disorder; cartilage disorder;
X sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
X rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
X immune system cell infiltration.

Homo sapiens.
US2003199059-A1.
23-OCT-2003.
15-APR-2002; 2002US-00123322.
31-MAR-1997; 97WO-US005230.
12-JUN-1998; 98WO-US012456.
14-JUL-1998; 98WO-US014552.
28-AUG-1998; 98WO-US017888.
10-SEP-1998; 98WO-US018824.
14-SEP-1998; 98WO-US019093.
14-SEP-1998; 98WO-US019094.
16-SEP-1998; 98WO-US019330.
17-SEP-1998; 98WO-US019437.
07-OCT-1998; 98WO-US021141.
29-OCT-1998; 98WO-US022991.
29-OCT-1998; 98WO-US022992.
20-NOV-1998; 98WO-US024855.
01-DEC-1998; 98WO-US025108.
05-JAN-1999; 99WO-US000106.
08-MAR-1999; 99WO-US005028.
10-MAR-1999; 99WO-US005190.
10-MAR-1999; 2000WO-US006319.
20-APR-1999; 99WO-US008615.
14-MAY-1999; 99WO-US010733.
02-JUN-1999; 99WO-US012252.
01-SEP-1999; 99WO-US020111.
08-SEP-1999; 99WO-US020594.
13-SEP-1999; 99WO-US020944.
15-SEP-1999; 99WO-US021090.
15-SEP-1999; 99WO-US021547.
05-OCT-1999; 99WO-US023089.
29-NOV-1999; 99WO-US028214.
30-NOV-1999; 99WO-US028313.
30-NOV-1999; 99WO-US028409.
01-DEC-1999; 99WO-US028301.
01-DEC-1999; 99WO-US028634.
02-DEC-1999; 99WO-US028551.

PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 05-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-900168/82.

DR N-PSDB; ADD95810.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 272; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||
QY 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYQMRNSQAHNFLEDGESDGFRLCLSLNSGN 240
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYQMRNSQAHNFLEDGESDGFRLCLSLNSGN 240
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db |||||||||||||||||||||||||||||||||||||||||||||||||||||

RESULT 174
ADE22697

ID ADE22697 standard; protein; 323 AA.

XX ADE22697;

AC ADE22697;

XX 29-JAN-2004 (first entry)

DT Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
XX liver; microvascular endothelial cell; glucose; FFA;
XX skeletal muscle cell; adipocyte cell; pericyte cell;
XX inner ear utricular supporting cell; T-lymphocyte cell;
XX endothelial cell tube formation; bone disorder; cartilage disorder;
XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
XX immune system cell infiltration.

OS Homo sapiens.

XX US2003199064-A1.

PN 23-OCT-2003.

XX 19-APR-2002; 2002US-00125932.

XX 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 10-MAR-1999; 2000WO-US006319.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-900169/82.
N-PSDB; ADE22696.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 12; Fig 272; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQ 120
DB 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDSGDFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLVSMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLVSMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 175
ADD78815
ID ADD78815 standard; protein; 323 AA.
XX
AC ADD78815;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
FN US2003203429-A1.
XX
PD 30-OCT-2003.
XX
PF 22-APR-2002; 2002US-00127900.
XX
PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-875636/81.
DR N-PSDB; ADD78814.
XX
PT New isolated, secreted and transmembrane PRO polypeptides and nucleic
PT acids, useful for the diagnosis, prevention and/or treatment of tumors,
PT such as lung, colon, breast, prostate, rectal, cervical and/or liver
PT tumors.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems, PRO
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.

SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQBQLMSLAPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQBQLMSLAPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOQRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOQRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMBQKLNRYPASSLVVVR 300
Db 241 ILTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMBQKLNRYPASSLVVVR 300
Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323
RESULT 176
ADE32765
ID ADE32765 standard; protein; 323 AA.
XX
AC ADE32765;
XX
DT 29-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO195.
XX
KW Human; secreted and transmembrane protein; PRO;
KW Tumour necrosis factor alpha release; TNF-alpha release;
KW glucose uptake modulator; FFA uptake modulator;
KW cell proliferation stimulator; cell differentiation stimulator;
KW cell differentiation inhibitor; cytokine release stimulator; tumour;
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;
KW gene therapy; chromosome identification; chromosome marker.
XX
OS Homo sapiens.
XX
PN US2003194766-A1.
XX
PD 16-OCT-2003.
XX
PF 14-MAY-2002; 2002US-00145874.
XX
PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2003-899785/82.
DR N-PSDB; ADE32764.
XX
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone

and/or cartilage disorders, e.g. arthritis.

Claim 12; SEQ ID NO 272; 636pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA:

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323: Conservative	0;	Mismatches	0;	Indels 0;
Gaps	0;			

ZY	1	MAAPKGS	LWVR	TQGLP	PLLL	TMALAGSGTASAEFDSVLGDTASCHRAQLTYPLHT	60
Zb	1	MAAPKGS	LWVR	TQGLP	PLLL	TMALAGSGTASAEFDSVLGDTASCHRAQLTYPLHT	60
ZY	61	YPKEELYACQ	RGCR	LFSC	IQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGQQNQ	120	
Zb	61	YPKEELYACQ	RGCR	LFSC	IQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGQQNQ	120	
ZY	121	LPFAELRQEOLMS	IMP	KMHLLPPLTLVRSFWSDMMDSAQSPITSSWTFYLQADDDGKIVIF	180		
Zb	121	LPFAELRQEOLMS	IMP	KMHLLPPLTLVRSFWSDMMDSAQSPITSSWTFYLQADDDGKIVIF	180		
ZY	181	QSKPEIQYAPHLEO	EPTNLRESSLSKMSYLOMRNSQAHRNPLEDGESDGFRLCLSLNSGW	240			
Zb	181	QSKPEIQYAPHLEO	EPTNLRESSLSKMSYLOMRNSQAHRNPLEDGESDGFRLCLSLNSGW	240			
ZY	241	ILTTTLVLSVMVLLWI	CCATVATAVEQYVPSEKLSIYGDLBPFMNEOKLNRYPASSLVVVVR	300			
Zb	241	ILTTTLVLSVMVLLWI	CCATVATAVEQYVPSEKLSIYGDLBPFMNEOKLNRYPASSLVVVVR	300			
ZY	301	SKTEDHEEAGPLPTKV	NLAHSEI	323			
Zb	301	SKTEDHEEAGPLPTKV	NLAHSEI	323			

Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; PPA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US2003199032-A1.

23-OCT-2003.

28-MAY-2002; 2002US-00156844.

03-MAR-2000; 2000US-0187202P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-900161/82.
N-PSDB; ADE42456.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

Claim 12; Fig 272; 636pp; English.

XX SQ Sequence 323 AA; Query Match 100.0%; Score 1694; DB 7; Length 323; Best Local Similarity 100.0%; Pred. No. 5.5e-167; Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELIYACQRCGLFSLICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKHEELIYACQRCGLFSLICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEHDHEAGPLPTKVNLAHSEI 323
Db 301 SKTEHDHEAGPLPTKVNLAHSEI 323

RESULT 178
ADE17156
ID ADE17156 standard; protein; 323 AA.
XX
AC ADE17156;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human secreted/transmembrane protein, PRO195.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003203433-A1.
XX
PD 30-OCT-2003.
XX
PF 18-OCT-2001; 2001US-00145016.
XX
PR 06-MAY-1998; 98US-0084414P.
PR 22-DEC-1998; 98US-0113296P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 12-APR-1999; 99US-00284291.
PR 25-AUG-1999; 99US-00380138.
PR 18-FEB-2000; 2000WO-US004341.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (GETH) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;

DR WPI; 2003-875640/81.
DR N-PSDB; ADE17155.
XX
PT New genes, and its encoded secreted and transmembrane polypeptides,
PT useful for treating e.g. lung or breast tumors, osteoarthritis,
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,
PT hypoinsulinemia or wounds.
XX
PS Claim 12; SEQ ID NO 330; 459pp; English.
CC
CC The invention relates to an isolated PRO polypeptide (secreted or
transmembrane protein) having at least 80% amino acid sequence identity
to an amino acid sequence chosen from 94 fully defined sequences as given
in the specification (including PRO lacking its associated signal
peptide, a PRO extracellular domain with or without its associated signal
peptide). Also included are nucleic acids encoding the PRO proteins
mentioned above, a vector comprising a PRO nucleic acid, a host cell
comprising the vector and producing PRO, a chimaeric molecule comprising
PRO fused to a heterologous amino acid sequence, and an anti-PRO
antibody. PRO337 polypeptide is useful for detecting a PRO4993
polypeptide in a sample suspected of containing PRO4993 polypeptide.
Similarly, PRO4993 polypeptide is useful for detecting PRO337
polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
causes death of the cell. PRO337 polypeptide is useful for linking a
bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
useful for linking a bioactive molecule to a cell expressing PRO725,
PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
polypeptide is useful for modulating at least one biological activity of
the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
polypeptide or anti-PRO4993 polypeptide is useful for modulating the
biological activity of the cell expressing PRO4993 polypeptide; PRO725,
PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
modulating the biological activity of the cell expressing PRO1559
polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
PRO739 polypeptide is useful for modulating the biological activity of
the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
polypeptides are useful for inhibiting tumour growth, retinal disorders,
sports-related joint problems, articular cartilage defects,
osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
mammals. The present sequence represents a PRO protein.

SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELIYACQRCGLFSLICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKHEELIYACQRCGLFSLICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFMNEQKLNRYPASSLVVVR 300

NY 301 SKTEDHERAGPLPTKVNLAHSEI 323
 {|||||}|||||
 b 301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 179
 WD80473
 :D ADD80473 standard; protein; 323 AA.
 CX
 AC ADD80473;
 CX
 YT 29-JAN-2004 (first entry)
 CX
 DE Human PRO polypeptide #136.
 CX
 CW Human; PRO; secreted polypeptide; transmembrane polypeptide;
 CW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
 CW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
 CW liver; microvascular endothelial cell; glucose; FFA;
 CW skeletal muscle cell; adipocyte cell; pericyte cell;
 CW inner ear utricular supporting cell; T-lymphocyte cell;
 CW endothelial cell tube formation; bone disorder; cartilage disorder;
 CW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
 CW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
 CW immune system cell infiltration.
 CX
 DS Homo sapiens.
 CX
 PN US2003207418-A1.
 CX
 XD 06-NOV-2003.
 CX
 PF 07-MAY-2002; 2002US-00140809.
 CX
 PR 31-MAR-1997; 97WO-US005230.
 PR 12-JUN-1998; 98WO-US012456.
 PR 14-JUL-1998; 98WO-US014552.
 PR 28-AUG-1998; 98WO-US017888.
 PR 10-SEP-1998; 98WO-US018824.
 PR 14-SEP-1998; 98WO-US019093.
 PR 14-SEP-1998; 98WO-US019094.
 PR 14-SEP-1998; 98WO-US019177.
 PR 16-SEP-1998; 98WO-US019330.
 PR 17-SEP-1998; 98WO-US019437.
 PR 07-OCT-1998; 98WO-US021141.
 PR 29-OCT-1998; 98WO-US022991.
 PR 29-OCT-1998; 98WO-US022992.
 PR 20-NOV-1998; 98WO-US024855.
 PR 01-DEC-1998; 98WO-US025108.
 PR 05-JAN-1999; 99WO-US000106.
 PR 08-MAR-1999; 99WO-US005028.
 PR 10-MAR-1999; 99WO-US005190.
 PR 10-MAR-1999; 2000WO-US006319.
 PR 20-APR-1999; 99WO-US008615.
 PR 14-MAY-1999; 99WO-US010733.
 PR 02-JUN-1999; 99WO-US012252.
 PR 01-SEP-1999; 99WO-US020111.
 PR 08-SEP-1999; 99WO-US020594.
 PR 13-SEP-1999; 99WO-US020944.
 PR 15-SEP-1999; 99WO-US021090.
 PR 15-SEP-1999; 99WO-US021547.
 PR 05-OCT-1999; 99WO-US023089.
 PR 29-NOV-1999; 99WO-US028214.
 PR 30-NOV-1999; 99WO-US028313.
 PR 30-NOV-1999; 99WO-US028409.
 PR 01-DEC-1999; 99WO-US028301.
 PR 01-DEC-1999; 99WO-US028634.
 PR 02-DEC-1999; 99WO-US028551.
 PR 02-DEC-1999; 99WO-US028564.
 PR 02-DEC-1999; 99WO-US028565.
 PR 16-DEC-1999; 99WO-US030095.
 PR 20-DEC-1999; 99WO-US030911.
 PR 20-DEC-1999; 99WO-US030999.

PR 22-DEC-1999; 99WO-US030720.
 PR 30-DEC-1999; 99WO-US031243.
 PR 30-DEC-1999; 99WO-US031274.
 PR 05-JAN-2000; 2000WO-US000219.
 PR 06-JAN-2000; 2000WO-US000277.
 PR 06-JAN-2000; 2000WO-US000376.
 PR 11-FEB-2000; 2000WO-US003565.
 PR 18-FEB-2000; 2000WO-US004341.
 PR 18-FEB-2000; 2000WO-US004342.
 PR 22-FEB-2000; 2000WO-US004414.
 PR 24-FEB-2000; 2000WO-US004914.
 PR 24-FEB-2000; 2000WO-US005004.
 PR 01-MAR-2000; 2000WO-US005601.
 PR 02-MAR-2000; 2000WO-US005746.
 PR 02-MAR-2000; 2000WO-US005841.
 PR 15-MAR-2000; 2000WO-US006884.
 PR 20-MAR-2000; 2000WO-US007377.
 PR 21-MAR-2000; 2000WO-US007532.
 PR 30-MAR-2000; 2000WO-US008439.
 PR 17-MAY-2000; 2000WO-US013705.
 PR 22-MAY-2000; 2000WO-US014042.
 PR 30-MAY-2000; 2000WO-US014941.
 PR 02-JUN-2000; 2000WO-US015264.
 PR 28-JUL-2000; 2000WO-US020710.
 PR 11-AUG-2000; 2000WO-US022031.
 PR 23-AUG-2000; 2000WO-US023522.
 PR 24-AUG-2000; 2000WO-US023328.
 PR 08-NOV-2000; 2000WO-US030952.
 PR 10-NOV-2000; 2000WO-US030873.
 PR 01-DEC-2000; 2000WO-US032678.
 PR 20-DEC-2000; 2000US-00747259.
 PR 20-DEC-2000; 2000WO-US034956.
 PR 28-FEB-2001; 2001US-00796498.
 PR 28-FEB-2001; 2001WO-US006520.
 PR 01-MAR-2001; 2001WO-US006666.
 PR 09-MAR-2001; 2001US-00802706.
 PR 14-MAR-2001; 2001US-00808689.
 PR 22-MAR-2001; 2001US-00816744.
 PR 05-APR-2001; 2001US-00828366.
 PR 10-MAY-2001; 2001US-00854208.
 PR 10-MAY-2001; 2001US-00854280.
 PR 18-MAY-2001; 2001US-00860216.
 PR 25-MAY-2001; 2001US-00866028.
 PR 25-MAY-2001; 2001US-00866034.
 PR 25-MAY-2001; 2001WO-US017092.
 PR 01-JUN-2001; 2001US-00872035.
 PR 01-JUN-2001; 2001WO-US017800.
 PR 05-JUN-2001; 2001US-00874503.
 PR 14-JUN-2001; 2001US-00882636.
 PR 19-JUN-2001; 2001US-00886342.
 PR 20-JUN-2001; 2001WO-US019692.
 PR 21-JUN-2001; 2001US-00887879.
 PR 22-JUN-2001; 2001WO-US020116.
 PR 29-JUN-2001; 2001WO-US021066.
 PR 09-JUL-2001; 2001WO-US021735.
 PR 18-JUL-2001; 2001US-00908827.
 PR 06-AUG-2001; 2001US-00924419.
 PR 09-AUG-2001; 2001US-00927796.
 PR 16-AUG-2001; 2001US-00931836.
 PR 19-DEC-2001; 2001US-00028072.
 XX
 PA (GETH) GENENTECH INC.
 XX
 PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
 XX
 DR WPI; 2003-875868/81.
 DR N-PSDB; ADD80472.
 XX
 PT New PRO nucleic acid, useful for manufacturing a medicament for
 PT diagnosing or treating tumor, for chromosome mapping or for tissue
 PT typing.

XX PS Claim 12; Fig 272; 638pp; English.

XX CC The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems, PRO

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC the USPTO website at seqdata.uspto.gov.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLQGLPPLLLLMALAGSGGTASAEFDSVLGDTASCHRAQLTYPLHT 60
|||
DB 1 MAAPKGLWVRLQGLPPLLLLMALAGSGGTASAEFDSVLGDTASCHRAQLTYPLHT 60
|||

QY 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|||
DB 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|||

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLOMENSQAHRNLFLEDGESDGLRCLSLNSGW 240
|||
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLOMENSQAHRNLFLEDGESDGLRCLSLNSGW 240
|||

QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
|||
DB 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLTKVNLHSEI 323
|||
DB 301 SKTEDHEEAGPLTKVNLHSEI 323
|||

RESULT 180
ADD89501
ID ADD89501 standard; protein; 323 AA.
XX
AC ADD89501;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX immune system cell infiltration.

OS Homo sapiens.

XX US2003199028-A1.

XX 23-OCT-2003.

XX 22-MAY-2002; 2002US-00153552.

XX 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-900158/82.
N-PSDB; ADD89500.

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
useful for treating pericyte-associated tumors, diabetes and various bone
and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 272; 637pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA by skeletal muscle cells or adipocyte cells, for
stimulating differentiation of adipocyte cells, for stimulating
proliferation of or gene expression in pericyte cells, for stimulating
the proliferation of inner ear utricular supporting cells or T-lymphocyte
cells, for inducing endothelial cell tube formation and for treating
various bone and/or cartilage disorders such as sports injuries and
arthritis. PRO polypeptides which stimulate the release of proteoglycans
from cartilage are useful for treating sports-related joint problems, PRO
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
polypeptides are also useful for treating various mammalian haemoglobin-
associated disorders such as various thalassaemias and conditions which
may benefit from enhanced local immune system cell infiltration. This
sequence represents a human PRO polypeptide of the invention. Note: This
sequence data for this patent is also available in electronic format from
the USPTO website at seqdata.uspto.gov.

CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX

SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGS�WVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Db 1 MAAPKGS�WVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
2y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
2y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
2y 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 181

AD40785

ID ADE40785 standard; protein; 323 AA.

AC ADE40785;

29-JAN-2004 (first entry)

Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.

Homo sapiens.

US2003199031-A1.

23-OCT-2003.

28-MAY-2002; 2002US-00156842.

05-JUN-2000; 2000US-0209832P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX

DR WPI; 2003-900160/82.

DR N-PSDB; ADE40784.

XX

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT useful for treating pericyte-associated tumors, diabetes and various bone
PT and/or cartilage disorders, e.g. arthritis.

XX

PS Claim 12; Fig 272; 637pp; English.

XX

CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGS�WVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60

Db 1 MAAPKGS�WVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60

Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 182	
ADE04584	
ID	ADE04584 standard; protein; 323 AA.
XX	
AC	ADE04584;
DT	29-JAN-2004 (first entry)
XX	
DE	Human PRO polypeptide #136.
XX	
KW	Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW	liver; microvascular endothelial cell; glucose; FFA;
KW	skeletal muscle cell; adipocyte cell; pericyte cell;
KW	inner ear utricular supporting cell; T-lymphocyte cell;
KW	endothelial cell tube formation; bone disorder; cartilage disorder;
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW	immune system cell infiltration.
XX	
OS	Homo sapiens.
XX	
PN	US2003199034-A1.
XX	
PD	23-OCT-2003.
XX	
PF	28-MAY-2001; 2001US-00156846.
XX	
PR	03-MAR-2000; 2000US-0187202P.
PR	01-DEC-2000; 2000WO-US032678.
PR	19-DEC-2001; 2001US-00028072.
XX	
PA	(GETH) GENENTECH INC.
PI	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX	
DR	WPI; 2003-900163/82.
DR	N-PSDB; ADE04583.
XX	
PT	Two hundred and seventy five nucleic acids encoding PRO polypeptides,
PT	useful for treating pericyte-associated tumors, diabetes and various bone
PT	and/or cartilage disorders, e.g. arthritis.
XX	
PS	Claim 12; Fig 272; 637pp; English.
XX	
CC	The invention relates to isolated human PRO polypeptides (secreted and
CC	transmembrane polypeptides) and the polynucleotides encoding them. The
CC	invention also relates to an antibody which specifically binds to a PRO
CC	polypeptide, a method for stimulating the release of tumour necrosis
CC	factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC	proliferation or differentiation of chondrocyte cells and a method for
CC	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC	colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC	polynucleotides are useful in molecular biology, including uses as
CC	hybridisation probes, in chromosome and gene mapping, in generating
CC	antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC	be used in preparing PRO polypeptides by recombinant techniques and in
CC	generating either transgenic animals or knock-out animals which are
CC	useful in the development and screening of therapeutically useful
CC	reagents. The PRO polypeptides or antibodies are used in preparing a
CC	medicament for treating a condition responsive to the polypeptides or
CC	antibodies, such as tumours, for stimulating and inhibiting proliferation
CC	of human microvascular endothelial cells, for modulating the uptake of
CC	glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC	stimulating differentiation of adipocyte cells, for stimulating
CC	proliferation of or gene expression in pericyte cells, for stimulating
CC	the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC	cells, for inducing endothelial cell tube formation and for treating
CC	
CC	various bone and/or cartilage disorders such as sports injuries and
CC	arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC	from cartilage are useful for treating sports-related joint problems, PRO
CC	articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC	polypeptides are also useful for treating various mammalian haemoglobin-
CC	associated disorders such as various thalassaemias and conditions which
CC	may benefit from enhanced local immune system cell infiltration. This
CC	sequence represents a human PRO polypeptide of the invention. Note: The
CC	sequence data for this patent is also available in electronic format from
CC	USPTO at seqdata.uspto.gov/sequence.html.
XX	
SQ	Sequence 323 AA;
	Query Match 100.0%; Score 1694; DB 7; Length 323;
	Best Local Similarity 100.0%; Pred. No. 5.5e-167;
	Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy	1 MAAPKGSLSWVRLGLPPELLLTALAGSGCTASARAFDSVLGDTASCHRAQLTYPLHT 60
Db	1 MAAPKGSLSWVRLGLPPELLLTALAGSGCTASARAFDSVLGDTASCHRAQLTYPLHT 60
Qy	61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db	61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy	121 LPFAELRQEQLSLMPKMHLLFPLTLVRSFMSDMDSAQSPITSSWTFYLAQDDGKIVIF 180
Db	121 LPFAELRQEQLSLMPKMHLLFPLTLVRSFMSDMDSAQSPITSSWTFYLAQDDGKIVIF 180
Qy	181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFELEDGESDGLRCLSLNSGW 240
Db	181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFELEDGESDGLRCLSLNSGW 240
Qy	241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db	241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy	301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db	301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 183	
ADC81009	
ID	ADC81009 standard; protein; 323 AA.
XX	
AC	ADC81009;
XX	
DT	15-JAN-2004 (first entry)
XX	
DE	Novel human secreted and transmembrane protein PRO195.
XX	
KW	Human; secreted and transmembrane protein; PRO; secreted polypeptide;
KW	transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;
KW	chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;
KW	rectum; kidney; cervix; liver; microvascular endothelial cell;
KW	glucose uptake modulator; FFA uptake modulator; cell proliferation;
KW	cell differentiation; skeletal muscle cell; adipocyte cell;
KW	pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;
KW	endothelial cell tube formation; bone disorder; cartilage disorder;
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW	rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;
KW	immune system cell infiltration; chromosome mapping; gene mapping;
KW	gene therapy; chromosome identification; chromosome marker.
XX	
OS	Homo sapiens.
XX	
PN	US2003092115-A1.
XX	
PD	15-MAY-2003.
XX	
PF	30-MAY-2002; 2002US-00158785.
XX	

PR 05-JUN-2000; 2000US-0209832P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
CX (GETH) GENENTECH INC.
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen MZ, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
CX WPI; 2004-020238/02.
PR N-PSDB; ADC81008.
CX New secreted and transmembrane nucleic acids and polypeptides, designated
as PRO, useful for treating inflammation, organ failure, atherosclerosis,
cardiac injury, infertility, birth defects, premature aging, AIDS, or
cancer.
CX Claim 12; Fig 272; 637pp; English.
CX The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO
polypeptide, a method for stimulating the release of tumour necrosis
factor-alpha (TNF-alpha) from human blood, a method for stimulating the
proliferation or differentiation of chondrocyte cells and a method for
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
polynucleotides are useful in molecular biology, including uses as
hybridisation probes, in chromosome and gene mapping, in generating
antisense RNA and DNA and in gene therapy. The polynucleotides may also
be used in preparing PRO polypeptides by recombinant techniques and in
generating either transgenic animals or knock-out animals which are
useful in the development and screening of therapeutically useful
reagents. The PRO polypeptides or antibodies are used in preparing a
medicament for treating a condition responsive to the polypeptides or
antibodies, such as tumours, for stimulating and inhibiting proliferation
of human microvascular endothelial cells, for modulating the uptake of
glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte
cells, for stimulating differentiation of adipocyte cells, for
stimulating proliferation of or gene expression in pericyte cells, for
stimulating the proliferation of inner ear utricular supporting cells or
T-lymphocyte cells, for inducing endothelial cell tube formation and for
treating various bone and/or cartilage disorders such as sports injuries
and arthritis. PRO polypeptides which stimulate the release of
proteoglycans from cartilage are useful for treating sports-related joint
problems, articular cartilage defects, osteoarthritis and rheumatoid
arthritis. PRO polypeptides are also useful for treating various
mammalian haemoglobin-associated disorders such as various thalassaemias
and conditions which may benefit from enhanced local immune system cell
infiltration. This sequence represents a human PRO polypeptide of the
invention. Note: The sequence data for this patent is also available in
electronic format from USPTO at seqdata.uspto.gov/sequence.html.
CX Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSGLWVRLTQLGPPPLLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSGLWVRLTQLGPPPLLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCNQ 120
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCNQ 120
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHRNFLDEGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHRNFLDEGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQIVPSEKLSIYGDLFENAEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQIVPSEKLSIYGDLFENAEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 184
ADD76457
ID ADD76457 standard; protein; 323 AA.
XX
AC ADD76457;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
XX Homo sapiens.
OS
XX US2003100087-A1.
XX 29-MAY-2003.
PF 16-APR-2002; 2002US-00123912.
XX
PR 31-MAR-1997; 97WO-US005230.
PR 12-JUN-1998; 98WO-US012456.
PR 14-JUL-1998; 98WO-US014552.
PR 28-AUG-1998; 98WO-US017888.
PR 10-SEP-1998; 98WO-US018824.
PR 14-SEP-1998; 98WO-US019093.
PR 14-SEP-1998; 98WO-US019094.
PR 14-SEP-1998; 98WO-US019177.
PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98WO-US019437.
PR 07-OCT-1998; 98WO-US021141.
PR 29-OCT-1998; 98WO-US022991.
PR 29-OCT-1998; 98WO-US022992.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 20-APR-1999; 99WO-US008615.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.

PR	02-DEC-1999;	99WO-US028551;
PR	02-DEC-1999;	99WO-US028564;
PR	02-DEC-1999;	99WO-US028565;
PR	16-DEC-1999;	99WO-US030095;
PR	20-DEC-1999;	99WO-US030911;
PR	20-DEC-1999;	99WO-US030999;
PR	22-DEC-1999;	99WO-US030720;
PR	30-DEC-1999;	99WO-US031243;
PR	30-DEC-1999;	99WO-US031274;
PR	05-JAN-2000;	2000WO-US000219;
PR	06-JAN-2000;	2000WO-US000277;
PR	06-JAN-2000;	2000WO-US000376;
PR	11-FEB-2000;	2000WO-US003565;
PR	18-FEB-2000;	2000WO-US004341;
PR	18-FEB-2000;	2000WO-US004342;
PR	22-FEB-2000;	2000WO-US004414;
PR	24-FEB-2000;	2000WO-US004914;
PR	24-FEB-2000;	2000WO-US005004;
PR	01-MAR-2000;	2000WO-US005601;
PR	02-MAR-2000;	2000WO-US005746;
PR	02-MAR-2000;	2000WO-US005841;
PR	10-MAR-2000;	2000WO-US006319;
PR	15-MAR-2000;	2000WO-US006884;
PR	20-MAR-2000;	2000WO-US007377;
PR	21-MAR-2000;	2000WO-US007532;
PR	30-MAR-2000;	2000WO-US008439;
PR	17-MAY-2000;	2000WO-US013705;
PR	22-MAY-2000;	2000WO-US014042;
PR	30-MAY-2000;	2000WO-US014941;
PR	02-JUN-2000;	2000WO-US015264;
PR	28-JUL-2000;	2000WO-US020710;
PR	11-AUG-2000;	2000WO-US022031;
PR	23-AUG-2000;	2000WO-US023522;
PR	24-AUG-2000;	2000WO-US023328;
PR	08-NOV-2000;	2000WO-US030952;
PR	10-NOV-2000;	2000WO-US030873;
PR	01-DEC-2000;	2000WO-US032678;
PR	20-DEC-2000;	2000US-00747259;
PR	20-DEC-2000;	2000WO-US034956;
PR	28-FEB-2001;	2001US-00796498;
PR	28-FEB-2001;	2001WO-US006520;
PR	01-MAR-2001;	2001WO-US006666;
PR	09-MAR-2001;	2001US-00802706;
PR	14-MAR-2001;	2001US-00808689;
PR	22-MAR-2001;	2001US-00816744;
PR	05-APR-2001;	2001US-00828366;
PR	10-MAY-2001;	2001US-00854208;
PR	10-MAY-2001;	2001US-00854280;
PR	18-MAY-2001;	2001US-00860216;
PR	25-MAY-2001;	2001US-00866028;
PR	25-MAY-2001;	2001US-00866034;
PR	25-MAY-2001;	2001WO-US017092;
PR	01-JUN-2001;	2001US-00872035;
PR	01-JUN-2001;	2001WO-US017800;
PR	05-JUN-2001;	2001US-00874503;
PR	14-JUN-2001;	2001US-00882636;
PR	19-JUN-2001;	2001US-00886342;
PR	20-JUN-2001;	2001WO-US019692;
PR	21-JUN-2001;	2001US-00887879;
PR	22-JUN-2001;	2001WO-US020116;
PR	29-JUN-2001;	2001WO-US021066;
PR	09-JUL-2001;	2001WO-US021735;
PR	18-JUL-2001;	2001US-00908827;
PR	06-AUG-2001;	2001US-00924419;
PR	09-AUG-2001;	2001US-00927796;
PR	16-AUG-2001;	2001US-009531836;
PR	19-DEC-2001;	2001US-00028072;

(GRTH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

[illegible]

```
Query Match      100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

[illegible]

RESULT 185
DD87821
D ADD87821 standard; protein; 323 AA.
X
C ADD87821;
X
X 29-JAN-2004 (first entry)
X
E Human PRO polypeptide #136.
X
X Human; PRO; secreted polypeptide; transmembrane polypeptide;
W tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
W cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
W liver; microvascular endothelial cell; glucose; FFA;
W skeletal muscle cell; adipocyte cell; pericyte cell;
W inner ear utricular supporting cell; T-lymphocyte cell;
W endothelial cell tube formation; bone disorder; cartilage disorder;
W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
W immune system cell infiltration.
X
X Homo sapiens.
X
X US2003092113-A1.
X
X 15-MAY-2003.
X
X 16-MAY-2002; 2002US-00147523.
X
X 09-DEC-1999; 99US-0170262P.
X
X 01-DEC-2000; 2000WO-US032678.
X
X 19-DEC-2001; 2001US-00028072.
X
X (GETH) GENENTECH INC.
X
X Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
X Gerritsen ME, Goddard A, Godowski PU, Gurney AL, Sherwood S;
X Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
X
X WPI; 2004-020237/02.
X
X N-PSDB; ADD87820.
X
X
X New secreted and transmembrane nucleic acids and polypeptides, designated
X as PRO, useful for treating inflammation, organ failure, atherosclerosis,
X cardiac injury, infertility, birth defects, premature aging, AIDS, or
X cancer.
X
X Claim 12; Fig 272; 637pp; English.
X
X The invention relates to isolated human PRO polypeptides (secreted and
X transmembrane polypeptides) and the polynucleotides encoding them. The
X invention also relates to an antibody which specifically binds to a PRO
X polypeptide, a method for stimulating the release of tumour necrosis
X factor-alpha (TNF-alpha) from human blood, a method for stimulating the
X proliferation or differentiation of chondrocyte cells and a method for
X detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
X colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
X polynucleotides are useful in molecular biology, including uses as
X hybridisation probes, in chromosome and gene mapping, in generating
X antisense RNA and DNA and in gene therapy. The polynucleotides may also
X be used in preparing PRO polypeptides by recombinant techniques and in
X generating either transgenic animals or knock-out animals which are
X useful in the development and screening of therapeutically useful
X reagents. The PRO polypeptides or antibodies are used in preparing a
X medicament for treating a condition responsive to the polypeptides or
X antibodies, such as tumours, for stimulating and inhibiting proliferation
X of human microvascular endothelial cells, for modulating the uptake of
X glucose or FFA by skeletal muscle cells or adipocyte cells, for
X stimulating differentiation of adipocyte cells, for stimulating
X proliferation of or gene expression in pericyte cells, for stimulating
X the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTMALAGSGGTASAEAPDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRTQLGLPPLLLTMALAGSGGTASAEAPDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEEELYACQRCGLFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELQEQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTTSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELQEQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTTSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 186
ADD86225
ID ADD86225 standard; protein; 323 AA.
XX
AC ADD86225;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
X
X Homo sapiens.
X
X US2003203440-A1.
X
X 30-OCT-2003.
X
X 29-MAY-2002; 2002US-00157798.
X
X 05-JUN-2000; 2000US-0209832P.
PR

reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;

Best Local Similarity 100.0%; Pred. NO. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGSTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGSTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKBEELYACQRCGLFISICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCWQ 120
61 YPKBEELYACQRCGLFISICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCWQ 120
121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIP 180
121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIP 180
181 QSKPEIQAPHLEQEPNTLNRESLSKMSYLMQNSQAHNFLEDGESDGFLRCLSLNSGW 240
181 QSKPEIQAPHLEQEPNTLNRESLSKMSYLMQNSQAHNFLEDGESDGFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 188

DE48664

DE48664 standard; protein; 323 AA.

AC ADE48664;

NT 29-JAN-2004 (first entry)

TX Human secreted/transmembrane protein, PRO195.

TX Human; secreted protein; transmembrane protein; PRO; cytostatic;
TX ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
TX auditory; tumour growth; retinal disorder; sports-related joint problem;
TX articular cartilage defects; osteoarthritis; rheumatoid arthritis;
TX wound healing; hearing loss.

XS Homo sapiens.

XX US2003104536-A1.

YN 05-JUN-2003.

XD

PF 19-OCT-2001; 2001US-00166709.
XX
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX

(GETH) GENENTECH INC.

Ashtkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
Stewart TA, Tumas D, Williams PM, Wood WI;

WPI; 2004-008994/01.

N-PSDB; ADE48663.

New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or PRO337, useful in molecular biology, chromosome and gene mapping, in generating antisense RNA and DNA, and in gene therapy.

Claim 12; SEQ ID NO 330; 460pp; English.

The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimaeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide. Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting

CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC causes death of the cell. PRO337 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is
CC useful for linking a bioactive molecule to a cell expressing PRO725,
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337
CC polypeptide is useful for modulating at least one biological activity of
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for
CC modulating the biological activity of the cell expressing PRO1559
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-
CC PRO739 polypeptide is useful for modulating the biological activity of
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,
CC sports-related joint problems, articular cartilage defects,
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in
CC mammals. The present sequence represents a PRO protein.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPEHT 60
QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 189
ADE41258
ID ADE41258 standard; protein; 323 AA.
XX
AC ADE41258;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human secreted/transmembrane PRO polypeptide #4.
XX
KW human; secreted protein; transmembrane protein; cardiovascular disorder;
KW endothelial disorder; angiogenic disorder; myocardial infarction;
KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;
KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;
KW endothelial cell tube formation.
XX
OS Homo sapiens.
XX
FN US2003100497-A1.

XX 29-MAY-2003.
XX PD
XX 16-AUG-2002; 2002US-00223085.
XX PF
XX 20-JUN-2001; 2001WO-US019692.
XX PR 09-JUL-2001; 2001WO-US021735.
XX PR 20-FEB-2002; 2002US-00081056.
XX (GETH) GENENTECH INC.
XX PA Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;
XX PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;
XX PI Watanabe CK, Williams PM, Wood WI, Ye W;
XX WPI: 2004-008957/01.
XX N-PSDB; ADE41257.
XX
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO205 or
XX PRO214, useful in molecular biology, chromosome and gene mapping, in
XX generating antisense RNA and DNA, and for treating disorders involving
XX angiogenesis.
XX
XX Claim 11; SEQ ID NO 8; 492pp; English.
XX
XX The invention relates to an isolated nucleic acid encoding a secreted and
XX transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded
XX by the nucleic acid, or an agonist or antagonist, is used to treat a
XX cardiovascular, endothelial, or angiogenic disorder in a mammal,
XX preferably a human. The human may have suffered a myocardial infarction
XX or has cardiac hypertrophy, trauma, a cancer, or age-related macular
XX degeneration. The cardiac hypertrophy is characterised by the presence of
XX an elevated level of PGF-2 alpha. A PRO polypeptide, given in the
XX specification, or an agonist is used to inhibit or stimulate endothelial
XX cell growth in a mammal. PRO21 or an agonist is used to induce cardiac
XX hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.
XX PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO
XX polypeptide, given in the specification, or an agonist is used to
XX stimulate or inhibit smooth muscle cell growth, or to induce endothelial
XX cell tube formation. The present sequence represents the amino acid
XX sequence of a PRO polypeptide of the invention.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 190
DE23249
D ADE23249 standard; protein; 323 AA.
X
X ADE23249;
X
X 29-JAN-2004 (first entry)
X Human PRO polypeptide #136.
X
X Human; PRO; secreted polypeptide; transmembrane polypeptide;
W tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
W cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
W liver; microvascular endothelial cell; glucose; FFA;
W skeletal muscle cell; adipocyte cell; pericyte cell;
W inner ear utricular supporting cell; T-lymphocyte cell;
W endothelial cell tube formation; bone disorder; cartilage disorder;
W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
W immune system cell infiltration.
X Homo sapiens.
X
X US2003092108-A1.
X
X 15-MAY-2003.
X
X 24-APR-2002; 2002US-00131835.
X
X 01-DEC-2000; 2000WO-US032678.
X
X 19-DEC-2001; 2001US-00028072.
X
X (GETH) GENENTECH INC.
X
X Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
X
X WPI; 2004-020234/02.
X N-PSDB; ADE23248.
X
X New secreted and transmembrane nucleic acids and polypeptides, designated
T as PRO, useful for treating inflammation, organ failure, atherosclerosis,
T cardiac injury, infertility, birth defects, premature aging, AIDS, or
T cancer.
X
X Claim 12; Fig 272; 637pp; English.
X
X The invention relates to isolated human PRO polypeptides (secreted and
X transmembrane polypeptides) and the polynucleotides encoding them. The
X invention also relates to an antibody which specifically binds to a PRO
X polypeptide, a method for stimulating the release of tumour necrosis
X factor-alpha (TNF-alpha) from human blood, a method for stimulating the
X proliferation or differentiation of chondrocyte cells and a method for
X detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
X colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
X polynucleotides are useful in molecular biology, including uses as
X hybridisation probes, in chromosome and gene mapping, in generating
X antisense RNA and DNA and in gene therapy. The polynucleotides may also
X be used in preparing PRO polypeptides by recombinant techniques and in
X generating either transgenic animals or knock-out animals which are
X useful in the development and screening of therapeutically useful
X reagents. The PRO polypeptides or antibodies are used in preparing a
X medicament for treating a condition responsive to the polypeptides or
X antibodies, such as tumours, for stimulating and inhibiting proliferation
X of human microvascular endothelial cells, for modulating the uptake of
X glucose or FFA by skeletal muscle cells or adipocyte cells, for
X stimulating differentiation of adipocyte cells, for stimulating
X proliferation of or gene expression in pericyte cells, for stimulating
X the proliferation of inner ear utricular supporting cells or T-lymphocyte
X cells, for inducing endothelial cell tube formation and for treating
X various bone and/or cartilage disorders such as sports injuries and
X arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVLTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRACQLTYPLHT 60
Db 1 MAAPKGSLSWVLTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRACQLTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPPAEIRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADGKIVIF 180
Db 121 LPPAEIRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNPFLEDGESDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNPFLEDGESDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 191
ADE23801
ID ADE23801 standard; protein; 323 AA.
XX
AC ADE23801;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PN US2003092110-A1.
XX
PD 15-MAY-2003.
XX
PF 03-MAY-2002; 2002US-00137864.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX

PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2004-020235/02.
DR N-PSDB; ADE23800.
XX
PT New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalasaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC the USPTO website at seqdata.uspto.gov.
XX
SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLLWVR TQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLLWVR TQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHERAGPLPTKYNLAHSEI 323
Db 301 SKTEDHERAGPLPTKYNLAHSEI 323
RESULT 192
ADE24444
ID ADE24444 standard; protein; 323 AA.
XX
AC ADE24444;
XX
DT 29-JAN-2004 (first entry)
XX
DE Human PRO polypeptide #136.
XX
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW liver; microvascular endothelial cell; glucose; FFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX
OS Homo sapiens.
XX
PW US2003092111-A1.
XX
PD 15-MAY-2003.
XX
PF 03-MAY-2002; 2002US-00137869.
XX
PR 03-MAR-2000; 2000US-0187202P.
PR 01-DEC-2000; 2000WO-US032678.
PR 19-DEC-2001; 2001US-00028072.
XX
PA (GETH) GENENTECH INC.
XX
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX
DR WPI; 2004-020236/02.
DR N-PSDB; ADE24443.
XX
PT New secreted and transmembrane nucleic acid useful for treating
PT inflammation, organ failure, atherosclerosis, cardiac injury,
PT infertility, birth defects, premature aging, acquired immunodeficiency
PT syndrome, or cancer.
XX
PS Claim 12; Fig 272; 637pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or

antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSLSWVRLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
|||||
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSDMDSAQSFITSSWTFYLQADGKIVIF 180
|||||
121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSDMDSAQSFITSSWTFYLQADGKIVIF 180

181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
|||||
241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 193

DD87269

D ADD87269 standard; protein; 323 AA.

X C ADD87269;

T 29-JAN-2004 (first entry)

X X Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

S Homo sapiens.

X X US2003203439-A1.

XX 30-OCT-2003.

XX 17-MAY-2002; 2002US-00147499.

XX 04-AUG-1998; 98US-0095301P.

XX 02-JUN-1999; 99WO-US012252.

XX 30-MAR-2000; 2000US-00380137.

XX 30-MAR-2000; 2000WO-US008439.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2004-021362/02.
N-PSDB; ADD87269.

New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or PRO4978, useful in molecular biology, chromosome and gene mapping, in generating antisense RNA and DNA, and in gene therapy.

Claim 12; Fig 272; 648pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Db 1 MAAPKGSLSWVRLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
|||||

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

Qy 121 LPFABLRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180

Db 121 LPFABLRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLMRNSQAHNRNPLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLMRNSQAHNRNPLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDEHEAGPLPTKKNLAHSEI 323

Db 301 SKTEDEHEAGPLPTKKNLAHSEI 323

RESULT 194

ADE89135

ID ADE89135 standard; protein; 323 AA.

XX

AC ADE89135;

DT 29-JAN-2004 (first entry)

XX

DE Human PRO polypeptide #i36.

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX

OS Homo sapiens.

XX

PN US2003199062-A1.

XX

PD 23-OCT-2003.

XX

PF 17-APR-2002; 2002US-00124823.

XX

PR 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 14-SEP-1998; 98WO-US019177.

PR 16-SEP-1998; 98WO-US019330.

PR 17-SEP-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.

PR 29-OCT-1998; 98WO-US022992.

PR 20-NOV-1998; 98WO-US024855.

PR 01-DEC-1998; 98WO-US025108.

PR 05-JAN-1999; 99WO-US000106.

PR 08-MAR-1999; 99WO-US005028.

PR 10-MAR-1999; 99WO-US005190.

PR 10-MAR-1999; 2000WO-US006319.

PR 20-APR-1999; 99WO-US008615.

PR 14-MAY-1999; 99WO-US010733.

PR 02-JUN-1999; 99WO-US012252.

PR 01-SEP-1999; 99WO-US020111.

PR 08-SEP-1999; 99WO-US020594.

PR 13-SEP-1999; 99WO-US020944.

PR 15-SEP-1999; 99WO-US021090.

PR 15-SEP-1999; 99WO-US021547.

PR 05-OCT-1999; 99WO-US023089.

PR 29-NOV-1999; 99WO-US028214.

PR 30-NOV-1999; 99WO-US028313.

PR 30-NOV-1999; 99WO-US028409.

PR 01-DEC-1999; 99WO-US028301.

PR 01-DEC-1999; 99WO-US028634.

PR 02-DEC-1999; 99WO-US028551.

PR 02-DEC-1999; 99WO-US028564.

PR 02-DEC-1999; 99WO-US028565.

PR 16-DEC-1999; 99WO-US030095.

PR 20-DEC-1999; 99WO-US030911.

PR 20-DEC-1999; 99WO-US030999.

PR 22-DEC-1999; 99WO-US030720.

PR 30-DEC-1999; 99WO-US031243.

PR 30-DEC-1999; 99WO-US031274.

PR 05-JAN-2000; 2000WO-US000219.

PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.

PR 11-FEB-2000; 2000WO-US003565.

PR 18-FEB-2000; 2000WO-US004341.

PR 18-FEB-2000; 2000WO-US004342.

PR 22-FEB-2000; 2000WO-US004414.

PR 24-FEB-2000; 2000WO-US004914.

PR 24-FEB-2000; 2000WO-US005004.

PR 01-MAR-2000; 2000WO-US005601.

PR 02-MAR-2000; 2000WO-US005746.

PR 02-MAR-2000; 2000WO-US005841.

PR 15-MAR-2000; 2000WO-US006884.

PR 20-MAR-2000; 2000WO-US007377.

PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.

PR 17-MAY-2000; 2000WO-US013705.

PR 22-MAY-2000; 2000WO-US014042.

PR 30-MAY-2000; 2000WO-US014941.

PR 02-JUN-2000; 2000WO-US015264.

PR 28-JUL-2000; 2000WO-US020710.

PR 11-AUG-2000; 2000WO-US022031.

PR 23-AUG-2000; 2000WO-US023522.

PR 24-AUG-2000; 2000WO-US023328.

PR 08-NOV-2000; 2000WO-US030952.

PR 10-NOV-2000; 2000WO-US030873.

PR 01-DEC-2000; 2000WO-US032678.

PR 20-DEC-2000; 2000US-00747259.

PR 20-DEC-2000; 2000WO-US034956.

PR 28-FEB-2001; 2001US-00796498.

PR 28-FEB-2001; 2001WO-US006520.

PR 01-MAR-2001; 2001WO-US006666.

PR 09-MAR-2001; 2001US-00802706.

PR 14-MAR-2001; 2001US-00808689.

PR 22-MAR-2001; 2001US-00816744.

PR 05-APR-2001; 2001US-00828366.

PR 10-MAY-2001; 2001US-00854208.

PR 10-MAY-2001; 2001US-00854280.

PR 18-MAY-2001; 2001US-00860216.

PR 25-MAY-2001; 2001US-00866028.

PR 25-MAY-2001; 2001US-00865034.

PR 01-JUN-2001; 2001WO-US017092.

PR 01-JUN-2001; 2001US-00872035.

PR 05-JUN-2001; 2001US-00874503.

PR 14-JUN-2001; 2001US-00882636.

PR 19-JUN-2001; 2001US-00886342.

PR 20-JUN-2001; 2001WO-US019692.

PR 21-JUN-2001; 2001US-00887879.

PR 22-JUN-2001; 2001WO-US020116.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-JUL-2001; 2001WO-US021735.

PR 18-JUL-2001; 2001US-00908827.

PR 06-AUG-2001; 2001US-00924419.

PR 09-AUG-2001; 2001US-00927796.

PR 16-AUG-2001; 2001US-00931836.

PR 19-DEC-2001; 2001US-00028072.
PA (GETH) GENENTECH INC.
CX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
CX
DR WPI; 2004-041360/04.
DR N-PSDB; ADE89134.
CX
CX Novel isolated PRO polypeptide useful for treating diabetes, hyper- or
CX hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart
CX attack, various coagulation disorders, tumors.
CX
CX Claim 12; SEQ ID NO 272; 638pp; English.
CX
CX The invention relates to isolated human PRO polypeptides (secreted and
CX transmembrane polypeptides) and the polynucleotides encoding them. The
CX invention also relates to an antibody which specifically binds to a PRO
CX polypeptide, a method for stimulating the release of tumour necrosis
CX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CX proliferation or differentiation of chondrocyte cells and a method for
CX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CX polynucleotides are useful in molecular biology, including uses as
CX hybridisation probes, in chromosome and gene mapping, in generating
CX antisense RNA and DNA and in gene therapy. The polynucleotides may also
CX be used in preparing PRO polypeptides by recombinant techniques and in
CX generating either transgenic animals or knock-out animals which are
CX useful in the development and screening of therapeutically useful
CX reagents. The PRO polypeptides or antibodies are used in preparing a
CX medicament for treating a condition responsive to the polypeptides or
CX antibodies, such as tumours, for stimulating and inhibiting proliferation
CX of human microvascular endothelial cells, for modulating the uptake of
CX glucose or FFA by skeletal muscle cells or adipocyte cells, for
CX stimulating differentiation of adipocyte cells, for stimulating
CX proliferation of or gene expression in pericyte cells, for stimulating
CX the proliferation of inner ear utricular supporting cells or T-lymphocyte
CX cells, for inducing endothelial cell tube formation and for treating
CX various bone and/or cartilage disorders such as sports injuries and
CX arthritis. PRO polypeptides which stimulate the release of proteoglycans
CX from cartilage are useful for treating sports-related joint problems,
CX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CX polypeptides are also useful for treating various mammalian haemoglobin-
CX associated disorders such as various thalassaemias and conditions which
CX may benefit from enhanced local immune system cell infiltration. This
CX sequence represents a human PRO polypeptide of the invention. Note: The
CX sequence data for this patent is also available in electronic format from
CX USPTO at seqdata.uspto.gov/sequence.html.
CX
CX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

NY 1 MAAPKGSLSWRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
NY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
NY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFFYLOADGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFFYLOADGKIVIF 180
NY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFANEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFANEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGELPTKVNLAHSEI 323
DB 301 SKTEDHEEAGELPTKVNLAHSEI 323
CX
CX RESULT 195
CX ADE18274
CX ID ADE18274 standard; protein; 323 AA.
CX XX
CX AC ADE18274;
CX XX
CX DT 29-JAN-2004 (first entry)
CX XX
CX DE Human PRO polypeptide #136.
CX XX
CX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
CX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
CX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
CX liver; microvascular endothelial cell; glucose; FFA;
CX skeletal muscle cell; adipocyte cell; pericyte cell;
CX inner ear utricular supporting cell; T-lymphocyte cell;
CX endothelial cell tube formation; bone disorder; cartilage disorder;
CX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
CX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
CX immune system cell infiltration.
CX XX
CX OS Homo sapiens.
CX PN
CX XX US2003194794-A1.
CX PD
CX XX 16-OCT-2003.
CX PF 17-APR-2002; 2002US-00125805.
CX XX
CX PR 31-MAR-1997; 97WO-US005230.
CX PR 12-JUN-1998; 98WO-US012456.
CX PR 14-JUL-1998; 98WO-US014552.
CX PR 28-AUG-1998; 98WO-US017888.
CX PR 10-SEP-1998; 98WO-US018824.
CX PR 14-SEP-1998; 98WO-US019093.
CX PR 14-SEP-1998; 98WO-US019094.
CX PR 16-SEP-1998; 98WO-US019177.
CX PR 17-SEP-1998; 98WO-US019330.
CX PR 07-OCT-1998; 98WO-US019437.
CX PR 29-OCT-1998; 98WO-US021141.
CX PR 29-OCT-1998; 98WO-US022991.
CX PR 20-NOV-1998; 98WO-US024855.
CX PR 01-DEC-1998; 98WO-US025108.
CX PR 05-JAN-1999; 99WO-US000106.
CX PR 08-MAR-1999; 99WO-US005028.
CX PR 10-MAR-1999; 99WO-US005190.
CX PR 10-MAR-1999; 2000WO-US006319.
CX PR 20-APR-1999; 99WO-US008615.
CX PR 14-MAY-1999; 99WO-US010733.
CX PR 02-JUN-1999; 99WO-US012252.
CX PR 01-SEP-1999; 99WO-US020111.
CX PR 08-SEP-1999; 99WO-US020594.
CX PR 13-SEP-1999; 99WO-US020944.
CX PR 15-SEP-1999; 99WO-US021090.
CX PR 15-SEP-1999; 99WO-US021547.
CX PR 05-OCT-1999; 99WO-US023089.
CX PR 29-NOV-1999; 99WO-US028214.
CX PR 30-NOV-1999; 99WO-US028313.
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CX PR 01-DEC-1999; 99WO-US028301.
CX PR 01-DEC-1999; 99WO-US028634.
CX PR 02-DEC-1999; 99WO-US028551.
CX PR 02-DEC-1999; 99WO-US028564.

PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUN-2000; 2000WO-US020370.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00803689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
PA (GETH) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2004-021079/02.
DR N-PSDB; ADE18273.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or
PT PRO4978, for use in molecular biology, chromosome and gene mapping, in
PT generating antisense RNA and DNA, and in gene therapy.
XX
PS Claim 12; SEQ ID NO 272; 638pp; English.
XX
CC The invention relates to isolated human PRO polypeptides (secreted and
CC transmembrane polypeptides) and the polynucleotides encoding them. The
CC invention also relates to an antibody which specifically binds to a PRO
CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC the proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
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DB 61 YPKKEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMLLEPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMLLEPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQIAPHLEQEPNLRESSLSKMSYLOMRNSQAHNLFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQIAPHLEQEPNLRESSLSKMSYLOMRNSQAHNLFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFPMNEOKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYDLEFPMNEOKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTRKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTRKVNLAHSEI 323

DE88583
AD ADE88583 standard; protein; 323 AA.
AC ADE88583;
CX 29-JAN-2004 (first entry)
XT Human PRO polypeptide #136.
DE Human;
CX Human; PRO; secreted polypeptide; transmembrane polypeptide;
CW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
CW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
CW liver; microvascular endothelial cell; glucose; FFA;
CW skeletal muscle cell; adipocyte cell; pericyte cell;
CW inner ear utricular supporting cell; T-lymphocyte cell;
CW endothelial cell tube formation; bone disorder; cartilage disorder;
CW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
CW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
CW immune system cell infiltration.
CX Homo sapiens.
XS
CX US2003199054-A1.
CX 23-OCT-2003.
CX 12-APR-2002; 2002US-00121054.
CX 31-MAR-1997; 97WO-US005230.
CX 12-JUN-1998; 98WO-US012456.
CX 14-JUL-1998; 98WO-US014552.
CX 28-AUG-1998; 98WO-US017888.
CX 10-SEP-1998; 98WO-US018824.
CX 14-SEP-1998; 98WO-US019093.
CX 14-SEP-1998; 98WO-US019094.
CX 14-SEP-1998; 98WO-US019177.
CX 16-SEP-1998; 98WO-US019330.
CX 17-SEP-1998; 98WO-US019437.
CX 07-OCT-1998; 98WO-US021141.
CX 29-OCT-1998; 98WO-US022991.
CX 29-OCT-1998; 98WO-US022992.
CX 20-NOV-1998; 98WO-US024855.
CX 01-DEC-1998; 98WO-US025108.
CX 05-JAN-1999; 99WO-US000106.
CX 08-MAR-1999; 99WO-US005028.
CX 10-MAR-1999; 99WO-US005190.
CX 10-MAR-1999; 2000WO-US006319.
CX 20-APR-1999; 99WO-US008615.
CX 14-MAY-1999; 99WO-US010733.
CX 02-JUN-1999; 99WO-US012252.
CX 01-SEP-1999; 99WO-US020111.
CX 08-SEP-1999; 99WO-US020594.
CX 13-SEP-1999; 99WO-US020944.
CX 15-SEP-1999; 99WO-US021090.
CX 15-SEP-1999; 99WO-US021547.
CX 05-OCT-1999; 99WO-US023089.
CX 29-NOV-1999; 99WO-US028214.
CX 30-NOV-1999; 99WO-US028313.
CX 30-NOV-1999; 99WO-US028409.
CX 01-DEC-1999; 99WO-US028301.
CX 01-DEC-1999; 99WO-US028634.
CX 02-DEC-1999; 99WO-US028551.
CX 02-DEC-1999; 99WO-US028564.
CX 02-DEC-1999; 99WO-US028565.
CX 16-DEC-1999; 99WO-US030095.
CX 20-DEC-1999; 99WO-US030911.
CX 20-DEC-1999; 99WO-US030999.
CX 22-DEC-1999; 99WO-US030720.
CX 30-DEC-1999; 99WO-US031243.
CX 30-DEC-1999; 99WO-US031274.
CX 05-JAN-2000; 2000WO-US000219.
CX 06-JAN-2000; 2000WO-US000277.
CX 06-JAN-2000; 2000WO-US000376.

PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WT, Zhang Z;
WPI; 2004-041356/04.
N-PSDB; ADE88582.

Novel secreted and transmembrane polypeptides, PRO useful for treating
bone disorders, arthritis, heart attack, injuries, tumors, and
stimulating release of TNF-alpha from human blood.

Claim 12; SEQ ID NO 272; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and
transmembrane polypeptides) and the polynucleotides encoding them. The
invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC proliferation or differentiation of chondrocyte cells and a method for
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung, the
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC polynucleotides are useful in molecular biology, including uses as
CC hybridisation probes, in chromosome and gene mapping, in generating
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC be used in preparing PRO polypeptides by recombinant techniques and in
CC generating either transgenic animals or knock-out animals which are
CC useful in the development and screening of therapeutically useful
CC reagents. The PRO polypeptides or antibodies are used in preparing a
CC medicament for treating a condition responsive to the polypeptides or
CC antibodies, such as tumours, for stimulating and inhibiting proliferation
CC of human microvascular endothelial cells, for modulating the uptake of
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC stimulating differentiation of adipocyte cells, for stimulating
CC proliferation of or gene expression in pericyte cells, for stimulating
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC cells, for inducing endothelial cell tube formation and for treating
CC various bone and/or cartilage disorders such as sports injuries and
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC from cartilage are useful for treating sports-related joint problems,
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC polypeptides are also useful for treating various mammalian haemoglobin-
CC associated disorders such as various thalassaemias and conditions which
CC may benefit from enhanced local immune system cell infiltration. This
CC sequence represents a human PRO polypeptide of the invention. Note: The
CC sequence data for this patent is also available in electronic format from
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
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QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLMQNRNSQAHNFLEDESDGFLRCLSLNSGW 240
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QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db |||||

RESULT 197
ADE89765
ID ADE89765 standard; protein; 323 AA.
XX AC ADE89765;
XX DT 29-JAN-2004 (first entry)
XX DE Human secreted/transmembrane protein, PRO195.
XX DE Human; secreted protein; transmembrane protein; PRO; cytostatic;

KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX Homo sapiens.
OS US2003130181-A1.
XX 10-JUL-2003.
XX 16-OCT-2001; 2001US-00978375.
XX 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
XX 13-NOV-1997; 97US-0065311P.
XX 21-NOV-1997; 97US-0066364P.
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XX 29-APR-1998; 98US-0083559P.

PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
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PR 15-MAY-1998; 98US-0085697P.
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PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 99US-0123957P.
PR 29-MAR-1999; 99US-0126773P.
PR 21-APR-1999; 99US-0130232P.
PR 26-APR-1999; 99US-0131022P.
PR 28-APR-1999; 99US-0131445P.
PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 99US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 28-JUL-1999; 99US-0146222P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 18-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.

PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (ASHK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N P.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WIEL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
XX

Query Match 100.0%; Score 1694; DB 8; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS�WRTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRACQTYPLHT 60
Db 1 MAAPKGS�WRTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRACQTYPLHT 60
QY 61 YPKBEELYACORGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKBEELYACORGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFYQLQADDGKIVIF 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFYQLQADDGKIVIF 180
QY 181 QSKPEIOYAPHLEQPTNLRSSLSKMSYLOMRNSOHRNPFLEDSGDGFLRCLSLNSGW 240
Db 181 QSKPEIOYAPHLEQPTNLRSSLSKMSYLOMRNSOHRNPFLEDSGDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGLPPTKVNLAHSEI 323
Db 301 SKTEDHEEAGLPPTKVNLAHSEI 323

RESULT 198
AAY02282
ID AAY02282 standard; protein; 324 AA.
XX
AC AAY02282;
XX
DT 08-JUL-1999 (first entry)
XX
DE Secreted protein clone bm41_7 polypeptide sequence.
XX
KW Secreted protein; nutritional activity; cytokine; cell proliferation;
KW cell differentiation; vaccine; haematopoiesis regulating activity;
KW tissue growth; activin; inhibin; chemotactic; chemokinetic; haemostatic;
KW thrombolytic; receptor; ligand; anti-inflammatory; cadherin;
KW tumor invasion; tumor inhibition; gene therapy.
XX
OS Homo sapiens.
XX
PN WO9918127-A1.
XX
PD 15-APR-1999.
XX
PF 02-OCT-1998; 98WO-US020793.
XX
PR 02-OCT-1997; 97US-00942813.
PR 01-OCT-1998; 98US-00165960.
XX
PA (GENY) GENETICS INST INC.
XX
PI Jacobs K, McCoy JM, Lavallie ER, Racie LA, Evans C, Merberg D;
PI Treacy M, Agostino MJ, Spaulding V;
XX
DR WPI; 1999-277255/23.
DR N-PSDB; AAX35556.
XX
PT New human polynucleotides encoding secreted proteins useful for gene therapy.
XX
PS Claim 13; Page 76-77; 87pp; English.
XX
CC Polynucleotides AAX35555-62 encode secreted proteins (AAY02281-87). The polynucleotides are obtained from human fetal kidney, human adult muscle, human placenta, murine adult bone marrow, human adult spinal cord and human adult lymph node cDNA libraries. The polynucleotides and proteins are predicted to have biological activities which would make them suitable for treating, preventing or ameliorating medical conditions in humans and animals, although no supporting data is given. Suggested activities include nutritional activity, cytokine and cell proliferation/differentiation activity, immune stimulating (e.g. as vaccines) or suppressing activity, haematopoiesis regulating activity, tissue growth activity, activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic and thrombolytic activity, receptor/ligand activity, anti-inflammatory activity, cadherin/tumor invasion suppressor activity, and tumor inhibition activity. The polynucleotides are also stated to be useful for gene therapy
XX
SQ Sequence 324 AA;
Query Match 98.8%; Score 1674.5; DB 2; Length 324;
Best Local Similarity 99.4%; Pred. No. 5.9e-165;
Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;
QY 1 MAAPKGSILWVRTQLGLPPLILMTALAGSGGTASAEAFDSVLGDTASCHRAQLTPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLILMTALAGSGGTASAEAFDSVLGDTASCHRAQLTPLHT 60
QY 61 YPKEEELVACQRCGLFSCICQFVDDGIDLNRKLECEBSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELVACQRCGLFSCICQFVDDGIDLNRKLECEBSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQRPNTNLRSSLSKMSY-LQWENSOAHRNFLEDGESDGLRCLSLNSG 239
Db 181 QSKPEIQYAPHLEQRPNTNLRSSLSKMSY-LQWENSOAHRNFLEDGESDGLRCLSLNSG 240
QY 240 WILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVV 299
Db 241 WILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVV 300
QY 300 RSKTEDEHERAGPLPTKYNLAHSEI 323
Db 301 RSKTEDEHERAGPLPTKYNLAHSEI 324
RESULT 199
ADA45143
ID ADA45143 standard; protein; 324 AA.
XX
AC ADA45143;
XX
DT 20-NOV-2003 (first entry)
XX
DE Human polypeptide #63.
XX
KW Human; genetic disorder; genetic fingerprinting; autoimmune disorder;
KW multiple sclerosis; systemic lupus erythematosus;
KW insulin dependent diabetes mellitus; graft-versus-host disease; anaemia;
KW periodontal disease; bone fracture; cartilage damage;
KW central nervous system disorder; Alzheimer's disease;
KW Parkinson's disease; cancer; nutrition; carbon source; nitrogen source;
KW carbohydrate source.
XX
OS Homo sapiens.
XX
PN US2003044935-A1.
XX
PD 06-MAR-2003.
XX
PF 21-DEC-2000; 2000US-00746783.
XX
PR 11-JUN-1997; 97US-0086236P.
PR 12-JUN-1997; 97US-0086234P.
PR 08-JUL-1997; 97US-0092115P.
PR 08-SEP-1997; 97US-0093045P.
PR 02-OCT-1997; 97US-0090100P.
PR 27-OCT-1997; 97US-00958304.
PR 07-NOV-1997; 97US-0090111P.
PR 05-JUN-1998; 98US-00092722.
PR 11-JUN-1998; 98US-00096287.
PR 17-JUN-1998; 98US-00098588.
PR 04-AUG-1998; 98US-00130189.
PR 08-SEP-1998; 98US-00149633.
PR 01-OCT-1998; 98US-00165960.
PR 04-NOV-1998; 98US-00185936.
XX
PA (JACO/) JACOBS K.
PA (MCCO/) MCCOY J M.
PA (LVAL/) LA VALLIE E R.
PA (COLL/) COLLINS-RACIE L A.
PA (EVAN/) EVANS C.
PA (MERB/) MERBERG D.
PA (TREA/) TREACY M.
PA (SPAU/) SPAULDING V.
XX
PI Jacobs K, McCoy JM, La Vallie ER, Collins-Racie LA, Evans C;
PI Merberg D, Treacy M, Spaulding V;
XX
DR WPI; 2003-521754/49.
DR N-PSDB; ADA45142.
XX
PT New polypeptides and polynucleotides having biological activities, useful

as nutritional sources or supplements, or for treating e.g. autoimmune diseases, cancers, bone fractures or damages, or central nervous system disorders.

Claim 236; Page 229-230; 288pp; English.

The invention relates to human polynucleotides and the polypeptides they encode. The polynucleotides can be used to express recombinant proteins for analysis, characterisation or therapeutic use, as markers for tissues in which the corresponding protein is expressed, as molecular weight markers on Southern gels, as chromosome markers or tags to identify chromosomes or to map related gene positions, to compare with endogenous DNA sequences in patients to identify potential genetic disorders, as probes to hybridise and discover novel related DNA sequences, as a source of information to derive PCR primers for genetic fingerprinting, to raise anti-protein antibodies and in gene therapy. The proteins can be used to raise antibodies or to elicit another immune response, as reagents in assays designed to quantitatively determine levels of the protein in biological fluids, as markers for tissues in which the corresponding protein is preferentially expressed and to treat autoimmune disorders (e.g. multiple sclerosis, systemic lupus erythematosus, insulin dependent diabetes mellitus or graft-versus-host disease), anaemias, periodontal diseases, bone fractures, cartilage damage, central nervous system disorders (e.g. Alzheimer's disease or Parkinson's disease) and cancers. The proteins and polynucleotides are also useful as nutritional sources or supplements, e.g. as carbon, nitrogen or carbohydrate sources. This sequence represents a human polypeptide of the invention.

Sequence 324 AA;

Query Match 98.8%; Score 1674.5; DB 7; Length 324;
Best Local Similarity 99.4%; Pred. No. 5.9e-165;
Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

61 YPKHEELACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
61 YPKHEELACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRSSLSKMSY-LQMRNSQAHNFLEDGESDGLRCLSLNSG 239
181 QSKPEIQYAPHLEQEPNLRSSLSKMSY-LQMRNSQAHNFLEDGESDGLRCLSLNSG 240

240 WILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWV 299
241 WILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWV 300

300 RSKTEDEHEAGPLPTKVNLAHSEI 323
301 RSKTEDEHEAGPLPTKVNLAHSEI 324

RESULT 200
ADC37347
ID ADC37347 standard; protein; 324 AA.

XX ADC37347;

AC ADC37347;

18-DEC-2003 (first entry)

Nuclear factor kappa B (NF-kappaB) activating protein, SEQ ID 180.

Nuclear factor kappa B; NF-kappaB; inflammation; autoimmune disease; cancer; infectious disease; bone disease; AIDS; neurodegenerative disease; ischaemic disorder; Antiinflammatory; Immunomodulator; Cytostatic; Antimicrobial; Osteopathic; Anti-HIV;

Neuroprotective; Nootropic; Cardiant; Gene therapy; human.
Homo sapiens.

WO2003048202-A2.

12-JUN-2003.

03-DEC-2002; 2002WO-JP012644.

03-DEC-2001; 2001JP-00368692.

05-DEC-2001; 2001US-0335829P.

03-OCT-2002; 2002JP-00291302.

04-OCT-2002; 2002US-0415769P.

(ASAH) ASAMI KASEI KK.

Matsuda A, Muramatsu S;

WPI; 2003-505282/47.

N-PSDB; ADC37346.

New purified protein that activates nuclear factor kappa B (NF-kappaB), useful for treating inflammation, autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS, neurodegenerative diseases or ischemic disorders.

Claim 1; SEQ ID NO 180; 938pp; English.

The present invention relates to novel proteins and their coding sequences (ADC37168-ADC37455), which activate nuclear factor kappa B (NF-kappaB). The proteins and their coding sequences are useful for treating a disease associated with NF-kappaB activation, such as inflammation, autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS, neurodegenerative diseases, or ischaemic disorders.

Sequence 324 AA;

Query Match 98.8%; Score 1674.5; DB 7; Length 324;
Best Local Similarity 99.4%; Pred. No. 5.9e-165;
Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
1 MAAPKGSLSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

61 YPKHEELACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
61 YPKHEELACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRSSLSKMSY-LQMRNSQAHNFLEDGESDGLRCLSLNSG 239
181 QSKPEIQYAPHLEQEPNLRSSLSKMSY-LQMRNSQAHNFLEDGESDGLRCLSLNSG 240

240 WILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWV 299
241 WILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWV 300

300 RSKTEDEHEAGPLPTKVNLAHSEI 323
301 RSKTEDEHEAGPLPTKVNLAHSEI 324

RESULT 201
ADC37343
ID ADC37343 standard; protein; 323 AA.
XX ADC37343;
AC ADC37343;
XX

Sequence 330, App
Sequence 330, App
Sequence 330, App
Sequence 272, App
Sequence 272, App
Sequence 272, App
Sequence 186, App

527 1694 100.0 323 15 US-10-145-093A-330
528 1694 100.0 323 15 US-10-013-919A-330
529 1694 100.0 323 15 US-10-013-920A-330
530 1694 100.0 323 15 US-10-128-692A-272
531 1694 100.0 323 15 US-10-140-927-272
532 1694 100.0 323 16 US-10-147-536-272
533 1674.5 98.8 324 10 US-09-746-783-186

ALIGNMENTS

RESULT 1

US-09-978-295A-330
Sequence 330, Application US/09978295A
Patent No. US2002015606A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC11

CURRENT APPLICATION NUMBER: US/09/978,295A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

PRIOR APPLICATION NUMBER: 60/078004

PRIOR FILING DATE: 1998-03-13

PRIOR APPLICATION NUMBER: 60/078886

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797

;; PRIOR FILING DATE: 1998-04-22
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;; PRIOR FILING DATE: 1998-04-23
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;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
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;; PRIOR APPLICATION NUMBER: 60/085338
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;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 9; Length 323;
Best Local Similarity 100.0%; Pred. No. i.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLTGLPPLPPLLLLTALAGGCTASAEAFDSVLGDTASCHRAQLTYPLEHT 60
DB 1 MAAPKGLWVRLTGLPPLPPLLLLTALAGGCTASAEAFDSVLGDTASCHRAQLTYPLEHT 60
QY 61 YPKBEELYACQRCGLFSLFCQFVDDGIDLNKFKLECESACTEAYSQSDEQYACHLGQONQ 120
DB 61 YPKBEELYACQRCGLFSLFCQFVDDGIDLNKFKLECESACTEAYSQSDEQYACHLGQONQ 120
QY 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 2

US-09-978-697-330
; Sequence 330, Application US/09978697
; Patent No. US20020169284A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450


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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1694; DB 9; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

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QY 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLAQDDGKIVIF 180
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QY 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300

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RESULT 3

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US-09-978-192A-330
; Sequence 330, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
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; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PlC9
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 9; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
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DB 121 LPEAELROELMSLMPKMLLPILTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEOEPTNLRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
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DB 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
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DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 4

US-09-999-832A-330
; Sequence 330, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:

- ; APPLICANT: Ashkenazi, Avi
- ; APPLICANT: Baker Kevin P.
- ; APPLICANT: Botstein, David
- ; APPLICANT: Desnoyers, Luc
- ; APPLICANT: Eaton, Dan
- ; APPLICANT: Ferrara, Napoleon
- ; APPLICANT: Filvaroff, Ellen
- ; APPLICANT: Fong, Sherman
- ; APPLICANT: Gao, Wei-Qiang
- ; APPLICANT: Gerber, Hanspeter
- ; APPLICANT: Gerritsen, Mary E.
- ; APPLICANT: Goddard, Audrey
- ; APPLICANT: Godowski, Paul J.
- ; APPLICANT: Grimaldi, J. Christopher
- ; APPLICANT: Gurney, Austin L.
- ; APPLICANT: Hillan, Kenneth J.
- ; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 9; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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b 121 LPPAELEQELMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTTSSWTFYLQADGKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDEEAGPLPTKVNLAHSEI 323
b 301 SKTEDEEAGPLPTKVNLAHSEI 323

ESULT 5
S-09-978-189-330
Sequence 330, Application US/09978189
Publication No. US20030004102A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Pilvaroff, Ellen
APPLICANT: Pong, Sherman
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C7
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
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PRIOR FILING DATE: 1998-03-13
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAAPKGS	LWV	RTQ	LG	LP	PL	LL	LT	MA	LG	SG	ST	AS	AE	AF	DS	VL	GD	T	AS	CH	R	A	C	Q	L	T	P	L	H	T	60																										
Db	1	MAAPKGS	LWV	RTQ	LG	LP	PL	LL	LT	MA	LG	SG	ST	AS	AE	AF	DS	VL	GD	T	AS	CH	R	A	C	Q	L	T	P	L	H	T	60																										
Qy	61	YK	EE	E	L	Y	A	C	O	R	G	R	L	F	S	I	C	O	F	V	D	D	G	I	D	L	N	R	T	K	L	E	C	S	A	C	T	E	A	Y	S	Q	S	D	E	Q	Y	A	C	H	L	G	C	O	N	Q	120		
Db	61	YK	EE	E	L	Y	A	C	O	R	G	R	L	F	S	I	C	O	F	V	D	D	G	I	D	L	N	R	T	K	L	E	C	S	A	C	T	E	A	Y	S	Q	S	D	E	Q	Y	A	C	H	L	G	C	O	N	Q	120		
Qy	121	LP	FA	EL	R	O	E	Q	L	M	S	L	M	P	K	M	H	L	F	P	L	T	L	V	R	S	F	W	S	D	M	M	D	S	A	O	S	F	I	T	S	S	T	F	Y	L	Q	A	D	D	G	K	I	V	I	F	180		
Db	121	LP	FA	EL	R	O	E	Q	L	M	S	L	M	P	K	M	H	L	F	P	L	T	L	V	R	S	F	W	S	D	M	M	D	S	A	O	S	F	I	T	S	S	T	F	Y	L	Q	A	D	D	G	K	I	V	I	F	180		
Qy	181	Q	S	K	E	I	O	I	A	P	H	L	E	Q	E	P	T	N	L	R	E	S	S	L	K	M	S	Y	L	Q	M	N	S	Q	A	H	R	N	F	L	E	D	G	E	S	D	G	T	L	R	C	L	S	L	N	S	G	W	240
Db	181	Q	S	K	E	I	O	I	A	P	H	L	E	Q	E	P	T	N	L	R	E	S	S	L	K	M	S	Y	L	Q	M	N	S	Q	A	H	R	N	F	L	E	D	G	E	S	D	G	T	L	R	C	L	S	L	N	S	G	W	240
Qy	241	I	L	T	T	L	V	L	S	V	M	V	L	L	N	I	C	A	T	A	T	A	V	E	Q	Y	P	S	K	L	S	I	Y	G	D	L	E	F	M	N	E	Q	K	L	N	E	P	A	S	S	L	V	V	V	R	300			
Db	241	I	L	T	T	L	V	L	S	V	M	V	L	L	N	I	C	A	T	A	T	A	V	E	Q	Y	P	S	K	L	S	I	Y	G	D	L	E	F	M	N	E	Q	K	L	N	E	P	A	S	S	L	V	V	V	R	300			
Qy	301	S	K	T	E	D	H	E	E	A	G	P	L	T	K	V	N	L	A	H	S	E	I	323																																			

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
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RESULT 6
US-09-978-608A-330
; Sequence 330, Application US/09978608A
; Publication No. US20030045462A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-978-608A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ 120
y 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 7
US-09-978-585A-330
; Sequence 330, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-978-585A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ 120
Qy 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

2Y 301 SKTDEHEEAGPLPTKYNLAHSEI 323
2b 301 SKTDEHEEAGPLPTKYNLAHSEI 323

RESULT 8

JS-09-978-191A-330
; Sequence 330, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C4
; CURRENT APPLICATION NUMBER: US/09/978,191A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
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Db 61 YPKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSNTFFYLQADDGKIVIP 180
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Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSNTFFYLQADDGKIVIP 180
Qy 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
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Db 241 ILTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 9
US-09-978-403A-330
; Sequence 330, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C17
; CURRENT APPLICATION NUMBER: US/09/978,403A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
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; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649

;	PRIOR APPLICATION NUMBER: 60/082700
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;	PRIOR APPLICATION NUMBER: 60/085704

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. i.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
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301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 10
S-09-978-564A-330
Sequence 330, Application US/09978564A
Publication No. US20030050241A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C25
CURRENT APPLICATION NUMBER: US/09/978,564A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17

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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
;
Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 1 MAAPKGSLSVWRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSVWRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
;
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
;
Qy 121 LPFAELRQQLMSLMPKMHLFPFLTIVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKMHLFPFLTIVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
;
Qy 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
;
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
;
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
;
RESULT 11
US-09-999-833A-330
; Sequence 330, Application US/09999833A
; Publication No. US20030054405A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C65
CURRENT APPLICATION NUMBER: US/09/999,833A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY	61	YPKEE	LYACQ	RGCR	LPSI	CQFY	DDGIDL	NRTK	LECSA	CTEAYS	QSDEO	YACH	LG	120
Db	61	YPKEE	LYACQ	RGCR	LPSI	CQFY	DDGIDL	NRTK	LECSA	CTEAYS	QSDEO	YACH	LG	120
QY	121	LPFAE	LREQE	OLMS	IMP	KMH	LLP	LTLV	RSFW	SDMD	SAQS	FITSS	WTFY	180
Db	121	LPFAE	LREQE	OLMS	IMP	KMH	LLP	LTLV	RSFW	SDMD	SAQS	FITSS	WTFY	180
QY	181	QSKPE	IQYAP	HLKOE	PTN	RESS	LSK	MSYL	OMRNS	QAHR	NFLED	GESD	GF	240
Db	181	QSKPE	IQYAP	HLKOE	PTN	RESS	LSK	MSYL	OMRNS	QAHR	NFLED	GESD	GF	240
QY	241	ILTTT	LVL	SV	MV	LLW	ICCAT	WATA	VEQY	VPSE	KL	SIY	GD	300
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US-09-981-915A-330
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; Publication No. US20030054986A1

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PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
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Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 YPKEEELIYACORGLFSLICQFVDDGIDLNRKLECESACTRAYSQSDEQYACHLGCONQ 120
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DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWENSQAHRNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWENSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVR 300
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QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKYNLAHSEI 323

RESULT 13
US-09-978-824-330

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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

b 1 MAAPKGLWVRTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKHEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKHEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSQAQSFITSSWTFYLQADDGKIVIP 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSQAQSFITSSWTFYLQADDGKIVIP 180
y 181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
y 301 SKTEDEHEAGPLPTKVNLAHSEI 323
b 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 15

S-09-978-423A-330

Sequence 330, Application US/09978423A

Publication No. US20030069178A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C21
CURRENT APPLICATION NUMBER: US/09/978,423A
CURRENT FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
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Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MAAPKGSLSVWTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRTKLECEASACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRTKLECEASACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHNFLEDSHSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHNFLEDSHSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMYLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLARYPASSLVVVR 300
Db 241 ILTTTLVLSVMYLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLARYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 16
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; Sequence 330, Application US/09978193A
; Publication No. US20030073624A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C6
; CURRENT APPLICATION NUMBER: US/09/978,193A

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; PRIOR APPLICATION NUMBER: 60/085697

Query Match          100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRQTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRQTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECEBSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECEBSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQLSLMPKMHLLPPLTVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
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QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300
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QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
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RESULT 17
US-09-999-830A-330
; Sequence 330, Application US/09999830A
; Publication No.: US2003007700A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
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; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
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; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Pacni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C70
; CURRENT APPLICATION NUMBER: US/09/999,830A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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?	PRIOR APPLICATION NUMBER: 60/0856977

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Desc local similarity 100.00; read no. 1.16 2.72;
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Dd	61	YPKEELYACQ	RGRFESICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ	120	
QY	121	LPFAELRQEOLMSLMPKMHLFPPLTLVRSFWSDMMDSAQSFITSSWTIFYLOADDGKIVIF	180		
Dd	121	LPFAELRQEOLMSLMPKMHLFPPLTLVRSFWSDMMDSAQSFITSSWTIFYLOADDGKIVIF	180		
QY	181	QSKPEIOYAPHLEQEPNLRRESSLSKMSYLQWRNSQAHRNFLEDGESDGFRLCLSLNSGW	240		
Dd	181	QSKPEIOYAPHLEQEPNLRRESSLSKMSYLQWRNSQAHRNFLEDGESDGFRLCLSLNSGW	240		
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Dd	301	SKTDEHEEAGPLPTKVNLAHSEI	323		

RESULT 18

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US-09-978-757A-330
: Sequence 330, Application US/0997875757A
: Publication No. US20030083246A1
: GENERAL INFORMATION:
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Baker Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
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APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
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APPLICANT: Godowski, Paul J.
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APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C26
CURRENT APPLICATION NUMBER: US/09/978,757A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 19
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; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
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; APPLICANT: Filvaroff, Ellen
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C5
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; CURRENT FILING DATE: 2001-10-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSIAWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSIAWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKBEELYACQCGCLFSICQFVDDGIDINRTKLECSACTEAYSQSDEQYACHLGQCNQ 120
Db 61 YPKBEELYACQCGCLFSICQFVDDGIDINRTKLECSACTEAYSQSDEQYACHLGQCNQ 120
Qy 121 LPFAELRQEQLMSILMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

||||| 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
||||| 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
||||| 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
||||| 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
||||| 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
||||| 301 SKTEDHEEAGPLPTKVNLAHSEI 323
||||| 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 20
US-09-978-643A-330
Sequence 330, Application US/09978643A
Publication No. US20030104998A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C16
CURRENT APPLICATION NUMBER: US/09/978,643A
CURRENT FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
S-09-978-643A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 21
US-09-978-375A-330
Sequence 330, Application US/09978375A
Publication No. US20030130181A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C24
CURRENT APPLICATION NUMBER: US/09/978,375A
CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-09-978-375A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120


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2Y 121 LPFAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFVLQADDGKIVIP 180
Db 121 LPFAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFVLQADDGKIVIP 180
2Y 181 QSKPEIQYAPHLQEPTNLRESSLKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPTNLRESSLKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
2Y 241 ILTTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEHHEAGPLPTKVNLAHSEI 323
Db 301 SKTEHHEAGPLPTKVNLAHSEI 323

RESULT 22
US-09-978-298A-330
; Sequence 330, Application US/09978298A
; Publication No. US20030134785A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C2
; CURRENT APPLICATION NUMBER: US/09/978,298A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/085689
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PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/085697
Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVTRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSILWVTRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLQONQ 120
DB 61 YPKKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLQONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSACSFTTSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSACSFTTSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPITNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPITNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFEMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFEMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 23

US-09-978-188A-330
; Sequence 330, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C8
; CURRENT APPLICATION NUMBER: US/09/978,188A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249

PRIOR APPLICATION NUMBER: 60/081817
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 PRIOR APPLICATION NUMBER: 60/082568
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 PRIOR FILING DATE: 1998-04-21
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 PRIOR APPLICATION NUMBER: 60/083496
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083499
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083545
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083554
 PRIOR FILING DATE: 1998-04-29
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 PRIOR FILING DATE: 1998-04-29
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 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083500
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083742
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 PRIOR APPLICATION NUMBER: 60/084366
 PRIOR FILING DATE: 1998-05-05
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637
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 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084643
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085323
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085582

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLCQNQ 120
|||||
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLCQNQ 120
121 LPFAELRQEQMLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
|||||
121 LPFAELRQEQMLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHERAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 24
US-09-978-681A-330
Sequence 330, Application US/09978681A
Publication No. US20030195148A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C18
CURRENT APPLICATION NUMBER: US/09/978,681A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
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PRIOR APPLICATION NUMBER: 60/079294
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
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PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
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; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
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; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
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; PRIOR APPLICATION NUMBER: 60/085323
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; PRIOR APPLICATION NUMBER: 60/085582
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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLITMALAGSGCTASAAAFDSVLGDTASCHACQLTYPLHT 60
Db |||||
QY 61 YPKREELIACQRCGLPFSICQFVDDGIDLNRKLECHSACTEAYSQSDEQYACHLGCONQ 120
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QY 121 LPPAELRQELMSLMPKQHLPLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db |||||
QY 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db |||||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db |||||
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db |||||

RESULT 25
US-09-978-194A-330
; Sequence 330, Application US/09978194A
; Publication No. US20030195333A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Saton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC10
CURRENT APPLICATION NUMBER: US/09/978,194A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR FILING DATE: 1998-04-01
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PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
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PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366

Publication No. US20030195344A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C61
CURRENT APPLICATION NUMBER: US/09/999,829A
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-09-999-829A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 26
US-09-999-829A-330
; Sequence 330, Application US/09999829A

Publication No. US20030195344A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C61
CURRENT APPLICATION NUMBER: US/09/999,829A
CURRENT FILING DATE: 2002-03-19
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-09-999-829A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 27
US-09-978-299A-330

Sequence 330, Application US/09978299A
Publication No. US20030199435A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
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APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C3

CURRENT APPLICATION NUMBER: US/09/978,299A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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| | | | |
DB 61 YPKEELYACQRCGLFSCQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
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QY 121 LPFAELRQEQLSIMPKMHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
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DB 121 LPFAELRQEQLSIMPKMHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
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QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
| | | | |

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
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Db 241 ILTTTLVLSVMVLIMWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
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QY 301 SKTEDHERAGPLPTKVNLAHSEI 323
| | | | |
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RESULT 28

US-09-978-544A-330
; Sequence 330, Application US/09978544A
; Publication No. US20030199436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
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; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCES: P2630P1C13
; CURRENT APPLICATION NUMBER: US/09/978,544A
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      121  LPPAELRQEQMLSLMPQMLLFFETLVRSEFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
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RESULT 29
US-09-978-665A-330
; Sequence 330, Application US/09978665A
; Publication No. US20030199437A1
; GENERAL INFORMATION:
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
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; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
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/	PRIOR FILING DATE: 1998-04-15
/	PRIOR APPLICATION NUMBER: 60/0825668
/	PRIOR FILING DATE: 1998-04-21
/	PRIOR APPLICATION NUMBER: 60/0825669
/	PRIOR FILING DATE: 1998-04-21
/	PRIOR APPLICATION NUMBER: 60/082704
/	PRIOR FILING DATE: 1998-04-22
/	PRIOR APPLICATION NUMBER: 60/082804
/	PRIOR FILING DATE: 1998-04-22
/	PRIOR APPLICATION NUMBER: 60/082700
/	PRIOR FILING DATE: 1998-04-22
/	PRIOR APPLICATION NUMBER: 60/082797
/	PRIOR FILING DATE: 1998-04-22
/	PRIOR APPLICATION NUMBER: 60/082796
/	PRIOR FILING DATE: 1998-04-23
/	PRIOR APPLICATION NUMBER: 60/083336
/	PRIOR FILING DATE: 1998-04-27
/	PRIOR APPLICATION NUMBER: 60/083322
/	PRIOR FILING DATE: 1998-04-28
/	PRIOR APPLICATION NUMBER: 60/083392
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083495
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083496
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083499
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083545
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083554
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083558
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083559
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083500
/	PRIOR FILING DATE: 1998-04-29
/	PRIOR APPLICATION NUMBER: 60/083742
/	PRIOR FILING DATE: 1998-04-30
/	PRIOR APPLICATION NUMBER: 60/084366
/	PRIOR FILING DATE: 1998-05-05
/	PRIOR APPLICATION NUMBER: 60/084414
/	PRIOR FILING DATE: 1998-05-06
/	PRIOR APPLICATION NUMBER: 60/084441
/	PRIOR FILING DATE: 1998-05-06
/	PRIOR APPLICATION NUMBER: 60/084637
/	PRIOR FILING DATE: 1998-05-07
/	PRIOR APPLICATION NUMBER: 60/084639
/	PRIOR FILING DATE: 1998-05-07
/	PRIOR APPLICATION NUMBER: 60/084640
/	PRIOR FILING DATE: 1998-05-07
/	PRIOR APPLICATION NUMBER: 60/084598
/	PRIOR FILING DATE: 1998-05-07
/	PRIOR APPLICATION NUMBER: 60/084600
/	PRIOR FILING DATE: 1998-05-07
/	PRIOR APPLICATION NUMBER: 60/084627
/	PRIOR FILING DATE: 1998-05-07
/	PRIOR APPLICATION NUMBER: 60/084643
/	PRIOR FILING DATE: 1998-05-07
/	PRIOR APPLICATION NUMBER: 60/085339
/	PRIOR FILING DATE: 1998-05-13
/	PRIOR APPLICATION NUMBER: 60/085338
/	PRIOR FILING DATE: 1998-05-13
/	PRIOR APPLICATION NUMBER: 60/085323
/	PRIOR FILING DATE: 1998-05-13
/	PRIOR APPLICATION NUMBER: 60/085582
/	PRIOR FILING DATE: 1998-05-15
/	PRIOR APPLICATION NUMBER: 60/085700
/	PRIOR FILING DATE: 1998-05-15
/	PRIOR APPLICATION NUMBER: 60/085689
/	PRIOR FILING DATE: 1998-05-15
/	PRIOR APPLICATION NUMBER: 60/085579
/	PRIOR FILING DATE: 1998-05-15

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; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAAPKGS�WRTQIGLPPLLLLTALAGSGGTASARAFDSVLGDTASCHRACOLTYPLHT 60
      |||||
Db      1  MAAPKGS�WRTQIGLPPLLLLTALAGSGGTASARAFDSVLGDTASCHRACOLTYPLHT 60

QY     61  YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHGCONQ 120
      |||||
Db     61  YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHGCONQ 120

QY    121  LPFAELROEQLMSLMPKWHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
      |||||
Db    121  LPFAELROEQLMSLMPKWHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY    181  QSKPEIOYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHRNFLGEDGESDGFRLCISLNSGW 240
      |||||
Db    181  QSKPEIOYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHRNFLGEDGESDGFRLCISLNSGW 240

QY    241  ILTTTLVLSVMVLLWICCATTAVAEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
      |||||
Db    241  ILTTTLVLSVMVLLWICCATTAVAEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY    301  SKTEDHEEAGPLPTKVNLAHSEI 323
      |||||
Db    301  SKTEDHEEAGPLPTKVNLAHSEI 323

```

RESULT 3.0

US-09-978-802A-330

: Sequence 330, Application US/09978802A

Publication No. US20030199674A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Raton, Dan

APPLICANT: Napoleone Ferrara.

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherr

: APPLICANT: FONG, Sherrin
: APPLICANT: Gao, Wei-Ni and

APPLICANT: Gerber, Handpeter

APPLICANT: Gerritsen Mary E

APPLICANT: GODDARD, ANDREW

APPLICANT: GODDARD, Audrey

APPLICANT: GODOWSKI, PAUL J.
APPLICANT: Grimaldi, J. Christonbar

APPLICANT: GRIMALDI, J. CHRISTOPHER
APPLICANT: GURNEY, JUSTIN L.

APPLICANT: GURNEY, AUSTIN L.
APPLICANT: HILL, KENNETH J.

APPLICANT: HILLAN, Kenneth

APPLICANT: KIJAVIN, Ivar

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mar

APPLICANT: Pan, James;

APPLICANT: PAONI, Nicholas P

APPLICANT: ROY, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mic

APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembran

; TITLE OF INVENTION: Acids

FILE REFERENCE: P2630P1C20

PRIOR APPLICATION NUMBER: 60/081200	PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081209	PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229	PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568	PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569	PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796	PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336	PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322	PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742	PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366	PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414	PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441	PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339	

PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
Y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCISLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCISLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 31
US-10-147-493-272
Sequence 272, Application US/10147493
Publication No. US20040029217A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P133OR1C345
CURRENT APPLICATION NUMBER: US/10/147,493
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-493-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCISLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCISLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 32
US-10-164-749A-330
Sequence 330, Application US/10164749A
Publication No. US20040029218A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/164,749A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-749A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLLWVRLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60

QY 61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGQCNQ 120
DB 61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 33
US-10-145-127-272
; Sequence 272, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C252
; CURRENT APPLICATION NUMBER: US/10/145,127
; CURRENT FILING DATE: 2002-05-13
; Prior Apploication removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-127-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLLWVRLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60

QY 61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGQCNQ 120
DB 61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 34
US-10-160-503-272
; Sequence 272, Application US/10160503
; Publication No. US20040033559A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K

APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C446
CURRENT APPLICATION NUMBER: US/10/160,503
CURRENT FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-160-503-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
2b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
2y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
2b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 35
US-10-143-118-272
Sequence 272, Application US/10143118
Publication No. US20040038335A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C228
CURRENT APPLICATION NUMBER: US/10/143,118
CURRENT FILING DATE: 2002-05-09
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272

LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-143-118-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 36
US-10-144-993-272
Sequence 272, Application US/10144993
Publication No. US20040038336A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C261
CURRENT APPLICATION NUMBER: US/10/144,993
CURRENT FILING DATE: 2002-05-13
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-144-993-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRQTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVRQTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 37

US-10-158-787-272
; Sequence 272, Application US/10158787
; Publication No. US20040039164A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C449
; CURRENT APPLICATION NUMBER: US/10/158,787
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-787-272
Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRQTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVRQTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 38

US-10-081-056-8
; Sequence 8, Application US/10081056
; Publication No. US20040043927A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235P1C1
; CURRENT APPLICATION NUMBER: US/10/081,056
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695

PRIOR FILING DATE: 2000-08-02
PRIOR APPLICATION NUMBER: US 09/643,657
PRIOR FILING DATE: 2000-08-17
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: US 60/230,978
PRIOR FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/000,000
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: US 09/664,610
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/242,922
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 09/709,238
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: PCT/US00/30952
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: PCT/US00/30873
PRIOR FILING DATE: 2000-11-10
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: US 09/747,259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: US 09/767,609
PRIOR FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: US 09/796,498
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/06666
PRIOR FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: US 09/802,706
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: US 09/808,689
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: US 09/816,744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: US 09/828,366
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: US 09/854,208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 09/854,280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: US 09/866,028
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 09/866,034
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: PCT/US01/17092
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 09/870,574
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: PCT/US01/17443
PRIOR FILING DATE: 2001-05-30
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/00000
PRIOR FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 383
SEQ ID NO 8
LENGTH: 323
TYPE: PRT
ORGANISM: Homosapiens
US-10-081-056-8

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRTQLGLPPLILITWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSILWVRTQLGLPPLILITWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKERELVACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
DB 61 YPKERELVACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLINICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLINICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKYNLAHSEI 323

RESULT 39
US-09-999-831A-330
; Sequence 330, Application US/09999831A
; Publication No. US20040048332A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C68
; CURRENT APPLICATION NUMBER: US/09/999,831A
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-999-831A-330

Query Match	100.0%;	Score 1694;	DB 12;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MAAPKGS LWRTQLGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60	
DB	1	MAAPKGS LWRTQLGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60	
QY	61	YPKEEELYACQRCGLFSCQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ	120	
DB	61	YPKEEELYACQRCGLFSCQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ	120	
QY	121	LPFAELRQEQI LMSLMPKMHLLFP LTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF	180	
DB	121	LPFAELRQEQI LMSLMPKMHLLFP LTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF	180	
QY	181	QSKPEIQYAPHLEQEP TNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCRLSLSNGW	240	
DB	181	QSKPEIQYAPHLEQEP TNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCRLSLSNGW	240	
QY	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFWMNEQKLNRYPASSLVVVR	300	
DB	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFWMNEQKLNRYPASSLVVVR	300	
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323	
DB	301	SKTEDHEEAGPLPTKVNLAHSEI	323	

```

RESULT 40
US-10-140-024-272
; Sequence 272, Application US/10140024
; Publication No. US20040058424A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
;
US-10-140-024-272

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Db	61	YPKEBELYACQRCGLFSCQFVDDGIDLNRTKLECESACTEAYSQSDQYACHIGCQ	120
Qy	121	LPFAELRQEQLMSLMPKMHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Db	121	LPFAELRQEQLMSLMPKMHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Qy	181	QSKPBIQYAPHLEQEPNTNLFRESSLSKMSYLOMRNSQAHNRFLEDGESDGLFRLCLSLNSGW	240
Db	181	QSKPBIQYAPHLEQEPNTNLFRESSLSKMSYLOMRNSQAHNRFLEDGESDGLFRLCLSLNSGW	240
Qy	241	ILTTTLVLVSVMLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYEASSLVVVR	300
Db	241	ILTTTLVLVSVMLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYEASSLVVVR	300
Qy	301	SKTEDHEEAGPLPTKVNLAHSEI	323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323

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RESULT 41
US-10-013-917A-330
; Sequence 330, Application US/10013917A
; Publication No. US20040063921A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C82
; CURRENT APPLICATION NUMBER: US/10/013,917A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-013-917A-330

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Query Match	100.0%;	Score 1694;	DB 12;	Length 323;																																				
Best Local Similarity	100.0%;	Pred. NO. 1.4e-172;																																						
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;																																				
QY	1	MAAPKGS	LWVRTQLGLPPL	LLLLT	MALAGSG	GTASAEAF	SVLGD	TASCH	RACQ	LTYP	LHHT	60																												
Db	1	MAAPKGS	LWVRTQLGLPPL	LLLLT	MALAGSG	GTASAEAF	SVLGD	TASCH	RACQ	LTYP	LHHT	60																												
QY	61	YPK3E	EELYAC	RGCR	LF	SI	CQ	FV	DG	I	LNR	T	K	L	E	C	S	A	C	T	E	A	Y	S	Q	S	D	E	Q	V	A	C	H	L	G	C	Q	N	Q	120

Y 61 YPKREELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCQ 120
b 61 YPKREELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCQ 120
Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 42
S-10-140-808-272
Sequence 272, Application US/10140808
Publication No. US20030017563A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C182
CURRENT APPLICATION NUMBER: US/10/140,808
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-140-808-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSWVTRTQGLPPLILLTALAGSGTASABAFDSVLGDTASCHRAQQLTYPLHT 60
b 1 MAAPKGSWVTRTQGLPPLILLTALAGSGTASABAFDSVLGDTASCHRAQQLTYPLHT 60
Y 61 YPKREELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCQ 120
b 61 YPKREELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCQ 120
Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 43
US-09-999-834A-330
Sequence 330, Application US/099999834A
Publication No. US20030064407A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C75
CURRENT APPLICATION NUMBER: US/09/999,834A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20

;
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797

;
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred.No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECEBSACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECEBSACTEAYSQSDEQYACHLGCQNO 120
Y 121 LPFAELRQEQSLMPLKPHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQEQSLMPLKPHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCISLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCISLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 44
US-10-152-405-272
Sequence 272, Application US/10152405
Publication No. US20030211571A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C383
CURRENT APPLICATION NUMBER: US/10/152,405
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-405-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECEBSACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECEBSACTEAYSQSDEQYACHLGCQNO 120
Y 121 LPFAELRQEQSLMPLKPHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQEQSLMPLKPHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCISLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCISLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 45
US-10-162-521A-330
Sequence 330, Application US/10162521A
Publication No. US20030211092A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C55
CURRENT APPLICATION NUMBER: US/10/162,521A
CURRENT FILING DATE: 2002-11-29
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-162-521A-330

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
JS-10-162-521A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKHEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 46

US-10-127-852A-272
; Sequence 272, Application US/10127852A
; Publication No. US20030203428A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C88
CURRENT APPLICATION NUMBER: US/10/127,852A

PRIOR FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-852A-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKHEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 47

US-10-127-900A-272
; Sequence 272, Application US/10127900A
; Publication No. US20030203429A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C81

CURRENT APPLICATION NUMBER: US/10/127,900A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-127-900A-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGLWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
b 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLHSEI 323
b 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 48

IS-10-128-685A-272
Sequence 272, Application US/10128685A
Publication No. US20030203430A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C116
CURRENT APPLICATION NUMBER: US/10/128,685A
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-128-685A-272

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 49

US-10-131-820A-272

; Sequence 272, Application US/10131820A


```

; Publication No. US20030203431A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C144
; CURRENT APPLICATION NUMBER: US/10/131,820A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-820A-272

Query Match      100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db      1  MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy      61 YPKKEELIACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNQ 120
Db      61 YPKKEELIACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNQ 120

Qy      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

Qy      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy      241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db      241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Qy      301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db      301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 51

; Publication No. US20030203432A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C236
; CURRENT APPLICATION NUMBER: US/10/142,886
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-886-272

Query Match      100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db      1  MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy      61 YPKKEELIACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNQ 120
Db      61 YPKKEELIACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNQ 120

Qy      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

Qy      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy      241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db      241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Qy      301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db      301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 51
```

JS-10-145-016A-330
; Sequence 330, Application US/10145016A
; Publication No. US2003020343A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C52
; CURRENT APPLICATION NUMBER: US/10/145,016A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-016A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWVLTQGLPILLTLMALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60
|||||
Db 1 MAAPKSLWVLTQGLPILLTLMALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKKEELYACQRCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFFYLOADDGKIVIF 180
|||||
Db 121 LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFANEQKLNRYPASSLVVVR 300
|||||
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFANEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 52

US-10-145-088A-330
; Sequence 330, Application US/10145088A
; Publication No. US2003020343A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C49

; CURRENT APPLICATION NUMBER: US/10/145,088A

; CURRENT FILING DATE: 2002-10-10

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-088A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEEELACQRCGLRFSICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEEELACQRCGLRFSICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCNQ 120

Qy 121 LPFAELRQELMSLMPKXHLLEPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKXHLLEPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 53
US-10-145-092A-330
; Sequence 330, Application US/10145092A
; Publication No. US20030203435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC45
; CURRENT APPLICATION NUMBER: US/10/145,092A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 524
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-092A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEEELACQRCGLRFSICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEEELACQRCGLRFSICQFVDDGIDLNRTKLECESEACTEAYSQSDEQYACHLGCNQ 120

Qy 121 LPFAELRQELMSLMPKXHLLEPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKXHLLEPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 54
US-10-145-129A-330
; Sequence 330, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C51
CURRENT APPLICATION NUMBER: US/10/145,129A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
S-10-145-129A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 OSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
b 181 OSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 55
US-10-146-728-272
Sequence 272, Application US/10146728
Publication No. US20030203437A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P330R1C321
CURRENT APPLICATION NUMBER: US/10/146,728
CURRENT FILING DATE: 2002-05-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-146-728-272

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 OSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
Db 181 OSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 56

US-10-146-786-272

; Sequence 272, Application US/10146786

; Publication No. US20030203438A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C313

; CURRENT APPLICATION NUMBER: US/10/146,786

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-146-786-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 12; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHBEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 57

US-10-147-499-272

; Sequence 272, Application US/10147499

; Publication No. US20030203439A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

Query Match

Best Local Similarity 100.0%; Score 1694; DB 12; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHBEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C348

; CURRENT APPLICATION NUMBER: US/10/147,499

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-499-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 12; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHBEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 58

US-10-157-798-272

; Sequence 272, Application US/10157798

; Publication No. US20030203440A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Katanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C443
CURRENT APPLICATION NUMBER: US/10/157,798
CURRENT FILING DATE: 2002-05-29
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-157-798-272
Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHGCGNQ 120
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHGCGNQ 120
121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDMDSQAQSPITSSWTFYLAQDDGKIVIF 180
121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDMDSQAQSPITSSWTFYLAQDDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 60
US-10-165-038A-330
Sequence 330, Application US/10165353A
Publication No. US20030203442A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C29
CURRENT APPLICATION NUMBER: US/10/165,038A
CURRENT FILING DATE: 2002-10-10
Prior Application Number: 09/918585
Prior Filing Date: 2001-07-30
Prior Application Number: 60/062250
Prior Filing Date: 1997-10-17
Prior Application Number: 60/064249
Prior Filing Date: 1997-11-03
Prior Application Number: 60/065311
Prior Filing Date: 1997-11-13
Prior Application Number: 60/066364
Prior Filing Date: 1997-11-21
Prior Application Number: 60/077450
Prior Filing Date: 1998-03-10
Prior Application Number: 60/077632
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077641
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077649
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077791
Prior Filing Date: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-165-038A-330
Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHGCGNQ 120
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHGCGNQ 120
121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDMDSQAQSPITSSWTFYLAQDDGKIVIF 180
121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDMDSQAQSPITSSWTFYLAQDDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 60
US-10-165-353A-330
Sequence 330, Application US/10165353A
Publication No. US20030203442A1
GENERAL INFORMATION:
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C29
CURRENT APPLICATION NUMBER: US/10/165,038A
CURRENT FILING DATE: 2002-10-10
Prior Application Number: 09/918585
Prior Filing Date: 2001-07-30
Prior Application Number: 60/062250
Prior Filing Date: 1997-10-17
Prior Application Number: 60/064249
Prior Filing Date: 1997-11-03
Prior Application Number: 60/065311
Prior Filing Date: 1997-11-13
Prior Application Number: 60/066364
Prior Filing Date: 1997-11-21
Prior Application Number: 60/077450
Prior Filing Date: 1998-03-10
Prior Application Number: 60/077632
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077641
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077649
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077791
Prior Filing Date: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-165-038A-330

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C40
CURRENT APPLICATION NUMBER: US/10/165,353A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-165-353A-330
Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGLWVRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWVRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQSPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQSPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMVEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMVEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 61
US-10-167-600-330
Sequence 330, Application US/10167600
Publication No. US20030203443A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C35
CURRENT APPLICATION NUMBER: US/10/167,600
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
IS-10-167-600-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

>y 1 MAAPKGSWVRLTGLPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|
>b 1 MAAPKGSWVRLTGLPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|
>y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|
>b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|
>y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|
>b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|
>y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240
|
>b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240
|
>y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
|
>b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
|
>y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
>b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|

RESULT 62

IS-10-170-481A-330

Sequence 330, Application US/10170481A

Publication No. US20030203444A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C53
CURRENT APPLICATION NUMBER: US/10/170,481A

; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-170-481A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTGLPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|
Db 1 MAAPKGSWVRLTGLPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240
|
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240
|
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
|
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
|
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|

RESULT 63

US-10-172-039A-330

Sequence 330, Application US/10172039A

Publication No. US20030203445A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C30
CURRENT APPLICATION NUMBER: US/10/172,039A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-172-039A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVTRQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVTRQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTLVLSVMVLLNWCATVATVEQYVPSEKLSIYGLEFMEQKLNRYPASSLWVVR 300
Db 241 ILTTLVLSVMVLLNWCATVATVEQYVPSEKLSIYGLEFMEQKLNRYPASSLWVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 64
US-10-210-028-330
Sequence 330, Application US/10210028
Publication No. US20030203446A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C52
CURRENT APPLICATION NUMBER: US/10/210,028
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-210-028-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|||||
61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|||||

121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLAQDDGKIVIF 180
|||||
121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLAQDDGKIVIF 180
|||||

181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLLEDGESDGFRLCLSLNSGW 240
|||||

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 65

JS-10-305-654-8

; Sequence 8, Application US/10305654

; Publication No. US20030224984A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Gerber, Hans-Peter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Marsters, Scot A.

; APPLICANT: Pan, J.

; APPLICANT: Paoni, N. P.

; APPLICANT: Stephan, J-P F.

; APPLICANT: Watanabe, C.K.

; APPLICANT: Wood, W.I.

; APPLICANT: Williams, P.M.

; APPLICANT: Ye, Weilan

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS

; FILE REFERENCE: P3235RIC1

; CURRENT APPLICATION NUMBER: US/10/305,654

; CURRENT FILING DATE: 2002-11-26

; NUMBER OF SEQ ID NOS: 383

; SEQ ID NO 8

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homosapiens

JS-10-305-654-8

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|||||
61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|||||

121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLAQDDGKIVIF 180
|||||

Db 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLAQDDGKIVIF 180
|||||

Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLLEDGESDGFRLCLSLNSGW 240
|||||

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLLEDGESDGFRLCLSLNSGW 240
|||||

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 66

US-10-028-072-272

; Sequence 272, Application US/10028072

; Publication No. US20030004311A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang

; TITLE OF INVENTION:

; FILE REFERENCE:

; CURRENT APPLICATION NUMBER: US/10/028,072

; CURRENT FILING DATE: 2001-12-19

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059836

; PRIOR FILING DATE: 1997-09-24

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/062285

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/062287

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/062814

; PRIOR FILING DATE: 1997-10-24

; PRIOR APPLICATION NUMBER: 60/062816

[illegible]

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

y 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180
b 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180

y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300

y 301 SKTEDHEERAGPLPTKVNLAHSEI 323
b 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 67
US-10-121-049-272
Sequence 272, Application US/10121049
Publication No. US2003002239A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C17
CURRENT APPLICATION NUMBER: US/10/121,049
CURRENT FILING DATE: 2002-04-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-049-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

Qy 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180

Db 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300

Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 68
US-10-123-904-272
Sequence 272, Application US/10123904
Publication No. US20030022328A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C54
CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-904-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

Qy 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180

Db 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 69
US-10-140-470-272
; Sequence 272, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGQCNQ 120
Db 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGQCNQ 120
Qy 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 71
US-10-176-918-272
; Sequence 272, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

RESULT 70
US-10-175-746-272
; Sequence 272, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGQCNQ 120
Db 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGQCNQ 120
Qy 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

```

; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-176-918-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

2Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDQYACHLGCCNQ 120

2Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

2Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

2Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

2Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 72
US-10-176-921-272
; Sequence 272, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
; 
```

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; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-176-921-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDQYACHLGCCNQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 73
US-10-137-865-272
; Sequence 272, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
; 
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; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db      1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY      61 YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCGNQ 120
Db      61 YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCGNQ 120

QY      121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db      121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY      301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db      301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 74
US-10-140-474-272
; Sequence 272, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-474-272
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Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db      1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY      61 YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCGNQ 120
Db      61 YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCGNQ 120

QY      121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db      121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db      181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY      301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db      301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 75
US-10-142-431-272
; Sequence 272, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C251
; CURRENT APPLICATION NUMBER: US/10/142,431
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-431-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db      1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
```

2Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
2b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
2Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
2b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
2Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
2Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 76

JS-10-143-114-272
; Sequence 272, Application US/10143114
; Publication No. US20030036180A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
S-10-143-114-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 77
US-10-140-002-272
; Sequence 272, Application US/10140002
; Publication No. US20030037623A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C59
; CURRENT APPLICATION NUMBER: US/10/140,002
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-002-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

; GENERAL INFORMATION:

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; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C38
CURRENT APPLICATION NUMBER: US/10/123,262
CURRENT FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-262-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2Y 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDVLGDTASCHRAQLTYPLHT 60
2Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESSACTEAYSQSDEQYACHLGCQ 120
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESSACTEAYSQSDEQYACHLGCQ 120
2Y 121 LPPAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
121 LPPAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
2Y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYQLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYQLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
2Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2Y 301 SKTEDEHEAGPLPTKVNLAHSEI 323
301 SKTEDEHEAGPLPTKVNLAHSEI 323
RESULT 81
US-10-142-423-272
Sequence 272, Application US/10142423
Publication No. US20030049817A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C249
CURRENT APPLICATION NUMBER: US/10/142,423
CURRENT FILING DATE: 2002-05-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-142-423-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESSACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESSACTEAYSQSDEQYACHLGCQ 120
QY 121 LPPAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPPAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYQLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYQLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323
RESULT 82
US-10-121-050-272
Sequence 272, Application US/10121050
Publication No. US20030054516A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC


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: PRIOR APPLICATION NUMBER: 60/064249
: PRIOR FILING DATE: 1997-11-03
: PRIOR APPLICATION NUMBER: 60/065311
: PRIOR FILING DATE: 1997-11-13
: PRIOR APPLICATION NUMBER: 60/066364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: 60/077450
: PRIOR FILING DATE: 1998-03-10
: PRIOR APPLICATION NUMBER: 60/077632
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077641
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077649
: PRIOR FILING DATE: 1998-03-11
: PRIOR APPLICATION NUMBER: 60/077791
: PRIOR FILING DATE: 1998-03-12
: Remaining Prior Application data re
: NUMBER OF SEQ ID NOS: 624
: SEQ ID NO 330
: LENGTH: 323
: TYPE: PRT
: ORGANISM: Homo sapiens
JS-10-167-749-330

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Query Match	100.0%;	Score 1694;	DB 14;	Length 323;					
Best Local Similarity	100.0%;	Pred. No. 1.e-172;							
Matches 323;	Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;				
1	MAAPKGS	LWVRTQ	LGLP	PLLL	LL	TMALAGSGTASAEAFDSVLGDTASCHRA	CQLTYPLHT	60	
1	MAAPKGS	LWVRTQ	LGLP	PLLL	LL	TMALAGSGTASAEAFDSVLGDTASCHRA	CQLTYPLHT	60	
61	YPKEEEL	YACQRC	RLFSI	CQFVDD	GDID	LNRTKLECSACTEAY	SQSDQYACHLG	CONQ 120	
61	YPKEEEL	YACQRC	RLFSI	CQFVDD	GDID	LNRTKLECSACTEAY	SQSDQYACHLG	CONQ 120	
121	LPFAELR	QEQQLS	MPKMHLL	FP	PLTL	VRSPWSDMMD	SAQSFIT	SWTFYLOADD	GKIVIF 180
121	LPFAELR	QEQQLS	MPKMHLL	FP	PLTL	VRSPWSDMMD	SAQSFIT	SWTFYLOADD	GKIVIF 180
181	QSKPEIQ	YAPHLE	QEQPTN	LR	ESSLSKMSYLQ	WRNSQAHRN	FL	EDGESD	GFLRCLSLNSGW 240
181	QSKPEIQ	YAPHLE	QEQPTN	LR	ESSLSKMSYLQ	WRNSQAHRN	FL	EDGESD	GFLRCLSLNSGW 240
241	ILTTTLV	LSVMVLL	WICCAT	VATA	VEQYVP	SEKLSIYG	DL	EFMNEQ	KLNRYPASSLVVVR 300
241	ILTTTLV	LSVMVLL	WICCAT	VATA	VEQYVP	SEKLSIYG	DL	EFMNEQ	KLNRYPASSLVVVR 300
301	SKTEDHEE	EAGPLP	TKVN	LH	SEI	323			
301	SKTEDHEE	EAGPLP	TKVN	LH	SEI	323			

RESULT 85
IS-10-143-032-272
Sequence 272, Application US/10143032
Publication No. US20030059909A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K

```

; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C245
; CURRENT APPLICATION NUMBER: US/10/143,032
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-032-272

Query Match          100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGTASAAFD SVLGD TASCHRA COLTYPLHT 60
    |||
Db 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGTASAAFD SVLGD TASCHRA COLTYPLHT 60
    |||

QY 61 YPKEEL YACQRCRLFSICQFVDDGIDLNR TKLECSACTEAYSQSDEQYACHLGCCNQ 120
    |||
Db 61 YPKEEL YACQRCRLFSICQFVDDGIDLNR TKLECSACTEAYSQSDEQYACHLGCCNQ 120
    |||

QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSPITSSWTFYLOADDGKIVIP 180
    |||
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSPITSSWTFYLOADDGKIVIP 180
    |||

QY 181 QSKPEIQIAPHLEQEP TNLRESSLSKMSYLOMRNSQAH RNFL EDGESDGFRLCLSLNSGW 240
    |||
Db 181 QSKPEIQIAPHLEQEP TNLRESSLSKMSYLOMRNSQAH RNFL EDGESDGFRLCLSLNSGW 240
    |||

QY 241 ILTTTLVLSVMVLLWICC ATVATAVEQIVPSEKLSIYGDLEFFNEQKLNRYFPASSLVVVR 300
    |||
Db 241 ILTTTLVLSVMVLLWICC ATVATAVEQIVPSEKLSIYGDLEFFNEQKLNRYFPASSLVVVR 300
    |||

QY 301 SKTEDHEEAGLP LTKWNLAHSEI 323
    |||
Db 301 SKTEDHEEAGLP LTKWNLAHSEI 323
    |||

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RESULT 86
US-10-013-921A-330
; Sequence 330, Application US/10013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C84
CURRENT APPLICATION NUMBER: US/10/013,921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
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PRIOR APPLICATION NUMBER: 60/080105
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PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
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PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
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PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-15
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PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
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PRIOR APPLICATION NUMBER: 60/082568
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PRIOR APPLICATION NUMBER: 60/082804
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PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
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PRIOR FILING DATE: 1998-05-06
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
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PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
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PRIOR APPLICATION NUMBER: 60/085323
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PRIOR APPLICATION NUMBER: 60/085582
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PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

NY 1 MAAPKGLWVQTQLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
b 1 MAAPKGLWVQTQLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Y 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCONQ 120
|||
b 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCONQ 120

Y 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||
b 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNLEHGESDGLRCLSLNSGW 240
|||
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNLEHGESDGLRCLSLNSGW 240

Y 241 ILTTTLVLSVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
|||
b 241 ILTTTLVLSVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
|||
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 87
JS-10-123-108-272
; Sequence 272, Application US/10123108
; Publication No. US20030068793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12

;
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
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; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704

;
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
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; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKKEELIYACQRCGLPSICQFVDDGIDILNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKKEELIYACQRCGLPSICQFVDDGIDILNRTKLECESACTEAYSQSDEQYACHLGCQNQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLESSLKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLESSLKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 88

US-10-123-236-272

; Sequence 272, Application US/10123236


```
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-921-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db      1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY      61 YPKKEELYACQRCRLPSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNQ 120
Db      61 YPKKEELYACQRCRLPSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNQ 120

QY      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY      181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db      181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY      301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db      301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 91
US-10-140-928-272
; Sequence 272, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
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; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-928-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db      1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY      61 YPKKEELYACQRCRLPSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNQ 120
Db      61 YPKKEELYACQRCRLPSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNQ 120

QY      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db      121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY      181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db      181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db      241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY      301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db      301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 92
US-10-013-929A-330
; Sequence 330, Application US/10013929A
; Publication No. US20030072745A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C89
; CURRENT APPLICATION NUMBER: US/10/013,929A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081955
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/081817
 PRIOR FILING DATE: 1998-04-15
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 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/081952
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/081838
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/082568
 PRIOR FILING DATE: 1998-04-21
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 PRIOR FILING DATE: 1998-04-21
 PRIOR APPLICATION NUMBER: 60/082704
 PRIOR FILING DATE: 1998-04-22
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 PRIOR FILING DATE: 1998-04-22
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 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084643
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/085339
 PRIOR FILING DATE: 1998-05-13
 PRIOR APPLICATION NUMBER: 60/085338
 PRIOR FILING DATE: 1998-05-13

; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQLGLPPLLLTLMALAGSGGTASARAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGLWVRTQLGLPPLLLTLMALAGSGGTASARAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
Db 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 93
US-10-016-177A-330
; Sequence 330, Application US/10016177A
; Publication No. US20030073131A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C90
; CURRENT APPLICATION NUMBER: US/10/016,177A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-016-177A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQLGLPPLLLTLMALAGSGGTASARAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGLWVRTQLGLPPLLLTLMALAGSGGTASARAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
Db 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 94
US-10-121-045-272
; Sequence 272, Application US/10121045
; Publication No. US20030073210A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQ 120
QY 121 LPPAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 97

US-10-124-819-272
; Sequence 272, Application US/10124819
; Publication No. US20030073213A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C65
; CURRENT APPLICATION NUMBER: US/10/124,819
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-819-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQ 120
QY 121 LPPAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 98

US-10-124-822-272
; Sequence 272, Application US/10124822
; Publication No. US20030073214A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C64
; CURRENT APPLICATION NUMBER: US/10/124,822
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-822-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQ 120
QY 121 LPPAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 99

IS-10-140-925-272

Sequence 272, Application US/10140925

Publication No. US20030073215A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C187

CURRENT APPLICATION NUMBER: US/10/140,925

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-140-925-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSIMVWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

b 1 MAAPKGSIMVWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Y 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHGCONQ 120

b 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHGCONQ 120

Y 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

b 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240

b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 100

S-10-160-498-272

Sequence 272, Application US/10160498

Publication No. US20030073216A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C451

CURRENT APPLICATION NUMBER: US/10/160,498

CURRENT FILING DATE: 2002-05-30

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-160-498-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSIMVWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHGCONQ 120

Db 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 101

US-10-124-824-272

Sequence 272, Application US/10124824

Publication No. US20030077659A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.

```
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C68
; CURRENT APPLICATION NUMBER: US/10/124,824
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-824-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAACQTYPLHT 60
   |||||
Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAACQTYPLHT 60
   |||||

QY 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
   |||||
Db 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
   |||||

QY 121 LPFAELRQEQSLMPLKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
   |||||
Db 121 LPFAELRQEQSLMPLKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
   |||||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
   |||||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
   |||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||

RESULT 102
US-10-127-825A-272
; Sequence 272, Application US/10127825A
; Publication No. US2003007710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
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; FILE REFERENCE: P3330R1C84
; CURRENT APPLICATION NUMBER: US/10/127,825A
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-825A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAACQTYPLHT 60
   |||||
Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAACQTYPLHT 60
   |||||

QY 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
   |||||
Db 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
   |||||

QY 121 LPFAELRQEQSLMPLKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
   |||||
Db 121 LPFAELRQEQSLMPLKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
   |||||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
   |||||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
   |||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||

RESULT 103
US-10-127-829A-272
; Sequence 272, Application US/10127829A
; Publication No. US2003007771A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
```


Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 105
US-10-127-839A-272
; Sequence 272, Application US/10127839A
; Publication No. US2003007713A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C105
; CURRENT APPLICATION NUMBER: US/10/127,839A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-839A-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRTQLGLPPLLLTMALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTMALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQCNQ 120

Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQCNQ 120
Qy 121 LPPAELROEQLSIMPCKMHLFPFLTIVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELROEQLSIMPCKMHLFPFLTIVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIOYAPHLEQPTNLRSSLSKMSVLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIOYAPHLEQPTNLRSSLSKMSVLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 106
US-10-127-901A-272
; Sequence 272, Application US/10127901A
; Publication No. US2003007714A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C86
; CURRENT APPLICATION NUMBER: US/10/127,901A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien

; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRM
; ORGANISM: Homo Sapien
US-10-131-813A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 109
US-10-131-818A-272
; Sequence 272, Application US/10131818A
; Publication No. US2003007717A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C141
; CURRENT APPLICATION NUMBER: US/10/131,818A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRM
; ORGANISM: Homo Sapien
US-10-131-818A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 110
US-10-131-823A-272
; Sequence 272, Application US/10131823A
; Publication No. US2003007718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C143
CURRENT APPLICATION NUMBER: US/10/131,823A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-131-823A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2y 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCONQ 120
2b 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCONQ 120
2y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
2b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
2y 181 QSKPEIQAPHLEQPTNLRSSLSKMSYIQWRNSQAHNRFLEDSGDGFLRCLSLNSGW 240
2b 181 QSKPEIQAPHLEQPTNLRSSLSKMSYIQWRNSQAHNRFLEDSGDGFLRCLSLNSGW 240
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300
2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 111
US-10-131-824A-272
Sequence 272, Application US/10131824A
Publication No. US20030077719A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C126
CURRENT APPLICATION NUMBER: US/10/131,824A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-131-824A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 112
US-10-131-830A-272
; Sequence 272, Application US/10131830A
; Publication No. US2003007720A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C137
; CURRENT APPLICATION NUMBER: US/10/131,830A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-830A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 113
US-10-131-837A-272
; Sequence 272, Application US/10131837A
; Publication No. US20030077721A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C131
; CURRENT APPLICATION NUMBER: US/10/131,837A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-837A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
Db 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

QY 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
|||||
Db 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
|||||

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFLQADDGKIVIF 180
|||||
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFLQADDGKIVIF 180
|||||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
|||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
|||||

QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEAGPLPTKVNLAHSEI 323
|||||

RESULT 114
US-10-137-872A-272
; Sequence 272, Application US/10137872A
; Publication No. US2003007722A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C150
; CURRENT APPLICATION NUMBER: US/10/137,872A
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-872A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
Db 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

QY 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
|||||
Db 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
|||||

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFLQADDGKIVIF 180
|||||
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFLQADDGKIVIF 180
|||||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
|||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
|||||

QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEAGPLPTKVNLAHSEI 323
|||||

RESULT 115
US-10-147-500-272
; Sequence 272, Application US/10147500
; Publication No. US2003007723A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C325
; CURRENT APPLICATION NUMBER: US/10/147,500
; CURRENT FILING DATE: 2002-05-16

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-500-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
|
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|
Db 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIYIF 180
|
Db 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIYIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
|
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 116

US-10-147-502-272
; Sequence 272, Application US/10147502
; Publication No. US2003007724A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C326
; CURRENT APPLICATION NUMBER: US/10/147,502
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-502-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
|
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|
Db 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIYIF 180
|
Db 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIYIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
|
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 117

US-10-147-515-272
; Sequence 272, Application US/10147515
; Publication No. US2003007725A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C342
; CURRENT APPLICATION NUMBER: US/10/147,515
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-515-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
|
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|

Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKTKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 118
US-10-147-517-272
; Sequence 272, Application US/10147517
; Publication No. US2003007726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC337
; CURRENT APPLICATION NUMBER: US/10/147,517
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-517-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Qy 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKTKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 119
US-10-147-526-272
; Sequence 272, Application US/10147526
; Publication No. US2003007727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC343
; CURRENT APPLICATION NUMBER: US/10/147,526
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-526-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Qy 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKTKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323


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RESULT 120
US-10-147-527-272
; Sequence 272, Application US/10147527
; Publication No. US2003007728A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/147,527
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-527-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLLWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEEELYACORGCRLEFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACORGCRLEFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 121
US-10-121-041-272
; Sequence 272, Application US/10121041
; Publication No. US2003007776A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
```

```
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C9
; CURRENT APPLICATION NUMBER: US/10/121,041
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-041-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLLWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEEELYACORGCRLEFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACORGCRLEFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 122
US-10-121-043-272
; Sequence 272, Application US/10121043
; Publication No. US2003007777A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
```

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C15
CURRENT APPLICATION NUMBER: US/10/121,043
CURRENT FILING DATE: 2002-04-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-043-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2y 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
2b 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCONQ 120
|||
6b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||
2y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
2b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
2y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300
|||
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||
2y 301 SKTEDHEERAGPLPTKVNLAHSEI 323
2b 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 123
US-10-121-047-272
Sequence 272, Application US/10121047
Publication No. US2003007778A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C4
CURRENT APPLICATION NUMBER: US/10/121,047

CURRENT FILING DATE: 2002-04-11
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-047-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300
|||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 124
US-10-123-215-272
Sequence 272, Application US/10123215
Publication No. US2003007778A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C41
CURRENT APPLICATION NUMBER: US/10/123,215
CURRENT FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-215-272

181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLOMRNSQAHNFLEDDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 127

US-10-123-909-272
; Sequence 272, Application US/10123909
; Publication No. US2003007783A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C49
; CURRENT APPLICATION NUMBER: US/10/123,909
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-909-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGOQ 120
61 YPKEEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGOQ 120
121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLOMRNSQAHNFLEDDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLOMRNSQAHNFLEDDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 128
US-10-123-910-272
; Sequence 272, Application US/10123910
; Publication No. US2003007784A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C45
; CURRENT APPLICATION NUMBER: US/10/123,910
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-910-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGOQ 120
61 YPKEEELYACQRCGLPFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGOQ 120
121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLOMRNSQAHNFLEDDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLOMRNSQAHNFLEDDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 129
US-10-124-813-272
; Sequence 272, Application US/10124813
; Publication No. US2003007785A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge,Laura
; APPLICANT: Desnoyers,Luc
; APPLICANT: Filvaroff,Ellen
; APPLICANT: Gao,Wei-Qiang
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C67
; CURRENT APPLICATION NUMBER: US/10/124,813
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-813-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSNVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLSNVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 130
US-10-124-817-272
; Sequence 272, Application US/10124817
; Publication No. US2003007786A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C73

; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C56
; CURRENT APPLICATION NUMBER: US/10/124,817
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-817-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSNVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLSNVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 131
US-10-125-922-272
; Sequence 272, Application US/10125922
; Publication No. US20030077787A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C73

CURRENT APPLICATION NUMBER: US/10/125,922
CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
JS-10-125-922-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

2Y 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||

2Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||

2Y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
|||

2Y 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

2Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 132
JS-10-125-924-272
Sequence 272, Application US/10125924
Publication No. US20030077788A1

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C75
CURRENT APPLICATION NUMBER: US/10/125,924
CURRENT FILING DATE: 2002-04-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
JS-10-125-924-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

QY 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
|||

QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 133
US-10-140-860-272
Sequence 272, Application US/10140860
Publication No. US20030077789A1

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C189
CURRENT APPLICATION NUMBER: US/10/140,860
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-860-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

ib 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 136

US-10-157-782-272
Sequence 272, Application US/10157782
Publication No. US2003007792A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Godowski, Paul J.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C431

CURRENT APPLICATION NUMBER: US/10/157,782

CURRENT FILING DATE: 2002-05-29

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-157-782-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSIMVWRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSIMVWRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120

61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMQNRNSQAHNFLEDSGDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMQNRNSQAHNFLEDSGDGFLRCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 137

US-10-152-395-272

Sequence 272, Application US/10152395

Publication No. US20030078377A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C405
CURRENT APPLICATION NUMBER: US/10/152,395
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-395-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSIMVWRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSIMVWRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120

61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMQNRNSQAHNFLEDSGDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLMQNRNSQAHNFLEDSGDGFLRCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 138

US-10-125-926A-272

Sequence 272, Application US/10125926A

Publication No. US20030082686A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C80
CURRENT APPLICATION NUMBER: US/10/125,926A
PRIOR FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-125-926A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180
Db 121 LPFAELRQEQSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323
RESULT 139
US-10-125-930A-272
; Sequence 272, Application US/10125930A
; Publication No. US20030082687A1

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C78
CURRENT APPLICATION NUMBER: US/10/125,930A
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-125-930A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180
Db 121 LPFAELRQEQSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLBFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 140
JS-10-127-831A-272
; Sequence 272, Application US/10127831A
; Publication No. US20030082689A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C107
; CURRENT APPLICATION NUMBER: US/10/127,831A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-831A-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLBFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLBFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 141
US-10-127-837A-272
; Sequence 272, Application US/10127837A
; Publication No. US20030082690A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C196
; CURRENT APPLICATION NUMBER: US/10/127,837A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-837A-272


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; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-127-842A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

>y 1 MAAPKGSLSWVRLQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
   |||||||
>b 1 MAAPKGSLSWVRLQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
   |||||||

>y 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
   |||||||
>b 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
   |||||||

>y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||||
>b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||||

>y 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
   |||||||
>b 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
   |||||||

>y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||||
>b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||||

>y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||||
>b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||||

RESULT 144
US-10-127-843A-272
Sequence 272, Application US/10127843A
Publication No. US20030082693A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
```

```

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C99
; CURRENT APPLICATION NUMBER: US/10/127,843A
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-127-843A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

>y 1 MAAPKGSLSWVRLQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
   |||||||
>b 1 MAAPKGSLSWVRLQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
   |||||||

>y 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
   |||||||
>b 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
   |||||||

>y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||||
>b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||||

>y 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
   |||||||
>b 181 QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
   |||||||

>y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||||
>b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||||

>y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||||
>b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
   |||||||

RESULT 145
US-10-127-845A-272
Sequence 272, Application US/10127845A
Publication No. US20030082694A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
```



```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C93
; CURRENT APPLICATION NUMBER: US/10/127,845A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-845A-272
```

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
   |||||
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
   |||||

QY 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNO 120
   |||||
Db 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNO 120
   |||||

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
   |||||
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
   |||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFEMNEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFEMNEQKLNRYPASSLVVVR 300
   |||||

QY 301 SKTEDHHEAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHHEAGPLPTKVNLAHSEI 323
   |||||
```

```

RESULT 146
US-10-127-846A-272
; Sequence 272, Application US/10127846A
; Publication No. US20030082695A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C94
; CURRENT APPLICATION NUMBER: US/10/127,846A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-846A-272
```

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
   |||||
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
   |||||

QY 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNO 120
   |||||
Db 61 YPKEEELYACQRCGLFSCQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNO 120
   |||||

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
   |||||
```

1b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 147
US-10-127-848A-272
; Sequence 272, Application US/10127848A
; Publication No. US20030082696A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C106
; CURRENT APPLICATION NUMBER: US/10/127,848A
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-848A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGLWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGLWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLCQNQ 120
DB 61 YPKEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLCQNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFELTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180
DB 121 LPFAELRQELMSLMPKMHLLFELTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIP 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 148
US-10-127-849A-272
; Sequence 272, Application US/10127849A
; Publication No. US20030082697A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C103
; CURRENT APPLICATION NUMBER: US/10/127,849A
; PRIOR FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323

PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-851A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
2b 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
|||
2b 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSPKMHLLPPLTLVRSFWSMDMDSQAQSFITSSWTFFYLQADDGKIVIF 180
|||
2b 121 LPFAELRQEQMLSPKMHLLPPLTLVRSFWSMDMDSQAQSFITSSWTFFYLQADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
|||
2b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||
2b 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 151
US-10-128-684A-272
Sequence 272, Application US/10128684A
Publication No. US20030082700A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C118
CURRENT APPLICATION NUMBER: US/10/128,684A
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-128-684A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSPKMHLLPPLTLVRSFWSMDMDSQAQSFITSSWTFFYLQADDGKIVIF 180
|||
Db 121 LPFAELRQEQMLSPKMHLLPPLTLVRSFWSMDMDSQAQSFITSSWTFFYLQADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 152
US-10-128-686A-272
Sequence 272, Application US/10128686A
Publication No. US20030082701A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen


```
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C119
; CURRENT APPLICATION NUMBER: US/10/128,686A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-686A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db      1  MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY      61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECEASCTEAYSQSDEQYACHLGCQ 120
Db      61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECEASCTEAYSQSDEQYACHLGCQ 120

QY      121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Db      121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

QY      181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db      181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY      241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRPASSLVVVR 300
Db      241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRPASSLVVVR 300

QY      301 SKTEDHREAGPLPTKYNLAHSEI 323
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Db      301 SKTEDHREAGPLPTKYNLAHSEI 323

RESULT 153
US-10-128-690A-272
; Sequence 272, Application US/10128690A
; Publication No. US20030082702A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C122
; CURRENT APPLICATION NUMBER: US/10/128,690A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-690A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db      1  MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY      61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECEASCTEAYSQSDEQYACHLGCQ 120
Db      61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECEASCTEAYSQSDEQYACHLGCQ 120

QY      121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
```

b 121 LPFAELRQEQMLSLMPKHLPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 154

US-10-128-691A-272
Sequence 272, Application US/10128691A
Publication No. US20030082703A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumanabe, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C123
CURRENT APPLICATION NUMBER: US/10/128,691A
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-128-691A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKCSLWVRTOLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKCSLWVRTOLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQMLSLMPKHLPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKHLPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 155

US-10-131-819A-272
Sequence 272, Application US/10131819A
Publication No. US20030082704A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumanabe, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C134
CURRENT APPLICATION NUMBER: US/10/131,819A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19

CURRENT APPLICATION NUMBER: US/10/131,836A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-131-836A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASARAFDSVLGDTASCHRAQQLTYPLHT 60
|
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASARAFDSVLGDTASCHRAQQLTYPLHT 60
|
Y 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
|
b 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
|
Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|
Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|
b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|

RESULT 158
US-10-146-729-272
Sequence 272, Application US/10146729
Publication No. US20030082708A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C318
CURRENT APPLICATION NUMBER: US/10/146,729
CURRENT FILING DATE: 2002-05-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-146-729-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASARAFDSVLGDTASCHRAQQLTYPLHT 60
|
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASARAFDSVLGDTASCHRAQQLTYPLHT 60
|
QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
|
Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
|
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|

RESULT 159
US-10-146-791-272
Sequence 272, Application US/10146791
Publication No. US20030082709A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C320
; CURRENT APPLICATION NUMBER: US/10/146,791
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272

; LENGTH: 323
; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-146-791-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAAAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAAAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELIACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
DB 61 YPKKEELIACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 160

US-10-147-484-272
; Sequence 272, Application US/10147484
; Publication No. US20030082710A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C328

; CURRENT APPLICATION NUMBER: US/10/147,484

; CURRENT FILING DATE: 2002-05-16

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-484-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAAAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAAAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELIACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
DB 61 YPKKEELIACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 161

US-10-147-508-272
; Sequence 272, Application US/10147508
; Publication No. US20030082711A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C330

; CURRENT APPLICATION NUMBER: US/10/147,508

; CURRENT FILING DATE: 2002-05-16

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-508-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAAAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAAAFDSVLGDTASCHRAQOLTYPLHT 60

1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACQTYPLHT 60
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 162

JS-10-147-512-272
; Sequence 272, Application US/10147512
; Publication No. US20030082712A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C332
; CURRENT APPLICATION NUMBER: US/10/147,512
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien

JS-10-147-512-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACQTYPLHT 60
1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACQTYPLHT 60
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 163

US-10-175-735-272
; Sequence 272, Application US/10175735
; Publication No. US20030082715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C451
; CURRENT APPLICATION NUMBER: US/10/175,735
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACQTYPLHT 60
1 MAAPKGSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACQTYPLHT 60
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 164

US-10-121-040-272

; Sequence 272, Application US/10121040

; Publication No. US20030082759A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C7
; CURRENT APPLICATION NUMBER: US/10/121,040
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-040-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 165

US-10-121-056-272

; Sequence 272, Application US/10121056

; Publication No. US20030082760A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C25
; CURRENT APPLICATION NUMBER: US/10/121,056
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-056-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 166

US-10-121-061-272

; Sequence 272, Application US/10121061

; Publication No. US20030082761A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C24
CURRENT APPLICATION NUMBER: US/10/121,061
CURRENT FILING DATE: 2002-04-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-121-061-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSLSWVRLTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKGSLSWVRLTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
|||||
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Y 121 LPFAELRQEQQLMSLMPKHLPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
|||||
b 121 LPFAELRQEQQLMSLMPKHLPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTFTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
b 241 ILTFTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 167
S-10-123-235-272
Sequence 272, Application US/10123235
Publication No. US20030082762A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C27
CURRENT APPLICATION NUMBER: US/10/123,235
CURRENT FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-235-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRLTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
Db 1 MAAPKGSLSWVRLTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
|||||
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKHLPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
|||||
Db 121 LPFAELRQEQQLMSLMPKHLPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTFTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
Db 241 ILTFTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 168
US-10-124-818-272
Sequence 272, Application US/10124818
Publication No. US20030082763A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C62
CURRENT APPLICATION NUMBER: US/10/124,818
CURRENT FILING DATE: 2002-04-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323

TYPE: PRT
ORGANISM: Homo Sapien
IS-10-124-818-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSWVTRQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
2b 1 MAAPKGSLSWVTRQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

2y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||
2b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||

2y 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||
2b 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||

2y 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||
2b 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||

2y 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||
2b 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||

2y 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||
2b 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||

2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 169
US-10-137-868-272
; Sequence 272, Application US/10137868
; Publication No. US20030082764A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C152
; CURRENT APPLICATION NUMBER: US/10/137,868
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-868-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSWVTRQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
2b 1 MAAPKGSLSWVTRQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

2y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||
2b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||

2y 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||
2b 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||

2y 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||
2b 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||

2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

Db 1 MAAPKGSLSWVTRQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||

Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||

Qy 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||

Db 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||

Qy 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||

Db 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240
|||

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 170
US-10-147-492-272
; Sequence 272, Application US/10147492
; Publication No. US20030082765A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C347
; CURRENT APPLICATION NUMBER: US/10/147,492
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-492-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

Db 1 MAAPKGSLSWVTRQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||

Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCQ 120
|||

Qy 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||

121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 171

S-10-158-782-272
Sequence 272, Application US/10158782
Publication No. US20030082766A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C457
CURRENT APPLICATION NUMBER: US/10/158,782
CURRENT FILING DATE: 2002-05-30
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
Prior Application remove - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-158-782-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 172

US-10-123-905-272
Sequence 272, Application US/10123905
Publication No. US20030087344A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C48
CURRENT APPLICATION NUMBER: US/10/123,905
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-905-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 173

JS-10-123-907-272
Sequence 272, Application US/10123907
Publication No. US20030087345A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C50

CURRENT APPLICATION NUMBER: US/10/123,907

CURRENT FILING DATE: 2002-04-16

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

JS-10-123-907-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCCNQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPPAEIRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
DB 121 LPPAEIRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 174

US-10-124-815-272

Sequence 272, Application US/10124815

Publication No. US20030087346A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C57

CURRENT APPLICATION NUMBER: US/10/124,815

CURRENT FILING DATE: 2002-04-17

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-124-815-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCCNQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPPAEIRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
DB 121 LPPAEIRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 175

US-10-125-921A-272

Sequence 272, Application US/10125921A

Publication No. US20030087347A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C76
CURRENT APPLICATION NUMBER: US/10/125,921A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-125-921A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWMVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSWMVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
|||||
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTSSWTFYLOADDGIKIVIF 180
|||||
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTSSWTFYLOADDGIKIVIF 180

181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 176
S-10-125-928A-272
Sequence 272, Application US/10125928A
Publication No. US20030087349A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C77
CURRENT APPLICATION NUMBER: US/10/125,928A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-125-928A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWMVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSWMVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
|||||
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTSSWTFYLOADDGIKIVIF 180
|||||
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFTSSWTFYLOADDGIKIVIF 180

181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 177

JS-10-127-821A-272
; Sequence 272, Application US/10127821A
; Publication No. US20030087350A1

GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: DeForge, Laura
- APPLICANT: Desnoyers, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Gurney, Austin E.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tumas, Daniel
- APPLICANT: Watanabe, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C92

CURRENT APPLICATION NUMBER: US/10/127,821A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-821A-272

Query Match - 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNQ 120

Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADGKIVIF 180

Db 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 178

US-10-127-822A-272

; Sequence 272, Application US/10127822A

; Publication No. US20030087351A1

GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: DeForge, Laura
- APPLICANT: Desnoyers, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tumas, Daniel
- APPLICANT: Watanabe, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C91

CURRENT APPLICATION NUMBER: US/10/127,822A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-822A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

/ 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAACQLTYPLHT 60
/ 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAACQLTYPLHT 60
/ 61 YPKEEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO 120
/ 61 YPKEEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO 120
/ 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
/ 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
/ 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOWMNSQAHRNFLEDGESDGLRCLSLNSGW 240
/ 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOWMNSQAHRNFLEDGESDGLRCLSLNSGW 240
/ 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
/ 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
/ 301 SKTEDHEEAGPLPTKVNLAHSEI 323
/ 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 179

S-10-127-824A-272

Sequence 272, Application US/10127824A

Publication No. US20030087352A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCES: P3330R1C82

CURRENT APPLICATION NUMBER: US/10/127,824A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-824A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAACQLTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAACQLTYPLHT 60
Qy 61 YPKEEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO 120
Db 61 YPKEEELYACQRCGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOWMNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOWMNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 180

US-10-127-826A-272

Sequence 272, Application US/10127826A

Publication No. US20030087353A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCES: P3330R1C90

CURRENT APPLICATION NUMBER: US/10/127,826A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

```

; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-127-826A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; 1 MAAPKGSILWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 1 MAAPKGSILWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECESSACTEAYSQSDQYACHLGCQ 120
; 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECESSACTEAYSQSDQYACHLGCQ 120
; 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
; 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
; 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
; 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 181
US-10-127-827A-272
; Sequence 272, Application US/10127827A
; Publication No. US20030087354A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C83
; CURRENT APPLICATION NUMBER: US/10/127,827A
```

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; CURRENT FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-127-827A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; 1 MAAPKGSILWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 1 MAAPKGSILWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECESSACTEAYSQSDQYACHLGCQ 120
; 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECESSACTEAYSQSDQYACHLGCQ 120
; 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
; 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
; 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
; 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 182
US-10-127-828A-272
; Sequence 272, Application US/10127828A
; Publication No. US20030087355A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
```

APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C101

CURRENT APPLICATION NUMBER: US/10/127,828A

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-127-828A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLLWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
|||||
1 MAAPKGSLLWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDEEAGPLPTKVNLAHSEI 323
301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 183
S-10-127-830A-272
Sequence 272, Application US/10127830A
Publication No. US20030087356A1

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C112

CURRENT APPLICATION NUMBER: US/10/127,830A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-830A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLLWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
|||||
1 MAAPKGSLLWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSILWVTRTQIGLPPLILLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSILWVTRTQIGLPPLILLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

y 61 YPKKEELIYACQRCGLFSLICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCNQ 120
b 61 YPKKEELIYACQRCGLFSLICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCNQ 120

y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

y 181 QSKPEIQIYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQIYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

y 301 SKTEDHBEAGPLPTKVNLAHSEI 323
b 301 SKTEDHBEAGPLPTKVNLAHSEI 323

35ULT 186
3-10-127-834A-272
Sequence 272, Application US/10127834A
Publication No. US20030087359A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C113
CURRENT APPLICATION NUMBER: US/10/127,834A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-834A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVTRTQIGLPPLILLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSILWVTRTQIGLPPLILLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKKEELIYACQRCGLFSLICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCNQ 120
Db 61 YPKKEELIYACQRCGLFSLICQFVDDGIDLNRITKLECSACTEAYSQSDQYACHLGCNQ 120

Qy 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQIYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQIYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 187
US-10-127-836A-272
Sequence 272, Application US/10127836A
Publication No. US20030087360A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C97
CURRENT APPLICATION NUMBER: US/10/127,836A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17

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; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-836A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
   |||||||
Db 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60

2Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
   |||||||
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120

2Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
   |||||||
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180

2Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQNSQAHNFLEDESDGFLRCLSLNSGW 240
   |||||||
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQNSQAHNFLEDESDGFLRCLSLNSGW 240

2Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
   |||||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

2Y 301 SKTEDHEEAGPLPTKVNLHSEI 323
   |||||||
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 188
US-10-127-841A-272
; Sequence 272, Application US/10127841A
; Publication No. US20030087361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
```

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; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C108
; CURRENT APPLICATION NUMBER: US/10/127,841A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-841A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Db 1 MAAPKGSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60

QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQNSQAHNFLEDESDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQNSQAHNFLEDESDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 189
US-10-127-844A-272
; Sequence 272, Application US/10127844A
; Publication No. US20030087362A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
```

APPLICANT: Gerritsen,Mary E.
APPLICANT: Goddard,Audrey
APPLICANT: Godowski,Paul J.
APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C104
CURRENT APPLICATION NUMBER: US/10/127,844A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-844A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNEQKLNRYPASSLVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNEQKLNRYPASSLVVR 300
y 301 SKTEDHEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 190
US-10-128-687A-272
; Sequence 272, Application US/10128687A
; Publication No. US20030087363A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C115
; CURRENT APPLICATION NUMBER: US/10/128,687A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-687A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW 240

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C145

CURRENT APPLICATION NUMBER: US/10/131,815A

CURRENT FILING DATE: 2002-04-24

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

3-10-131-815A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPHT 60

1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPHT 60

61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCCNQ 120

61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCCNQ 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 197

S-10-131-817A-272

Sequence 272, Application US/10131817A

Publication No. US20030092104A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C129

CURRENT APPLICATION NUMBER: US/10/131,817A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-131-817A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPHT 60

1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPHT 60

61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCCNQ 120

61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCCNQ 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 198

US-10-131-821A-272
; Sequence 272, Application US/10131821A
; Publication No. US20030092105A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C138

; CURRENT APPLICATION NUMBER: US/10/131,821A

; CURRENT FILING DATE: 2002-04-23

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-131-821A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNQ 120

Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNQ 120

Qy 121 LPFAELRQEQMLSLMPXHLFPFLTVRSFWSDMMDSAQSFTTSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQMLSLMPXHLFPFLTVRSFWSDMMDSAQSFTTSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLNICCATATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLNICCATATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300

Qy 301 SKTEHHEAGPLPTKVNLAHSEI 323

Db 301 SKTEHHEAGPLPTKVNLAHSEI 323

RESULT 199

US-10-131-822A-272

; Sequence 272, Application US/10131822A

; Publication No. US20030092106A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C127

; CURRENT APPLICATION NUMBER: US/10/131,822A

; CURRENT FILING DATE: 2002-04-24

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-131-822A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECHSACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECHSACTEAYSQSDEQYACHLGCONQ 120
Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Y 301 SKTEDHEERAGPLPTKVNLAHSEI 323
b 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 200

US-10-131-828A-272
Sequence 272, Application US/10131828A
Publication No. US20030092107A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C140
CURRENT APPLICATION NUMBER: US/10/131,828A
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323

TYPE: PRT
ORGANISM: Homo Sapien
US-10-131-828A-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLLWVFTQGLPPLILLTALAGSGGTASARAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLLWVFTQGLPPLILLTALAGSGGTASARAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECHSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECHSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 201

US-10-131-835A-272
Sequence 272, Application US/10131835A
Publication No. US20030092108A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C132
CURRENT APPLICATION NUMBER: US/10/131,835A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323

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; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-835A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKHEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLCQNQ 120
Db 61 YPKHEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIIVF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIIVF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRNFELEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRNFELEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 202
US-10-137-864A-272
; Sequence 272, Application US/10137864A
; Publication No. US20030092110A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C148
; CURRENT APPLICATION NUMBER: US/10/137,864A
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
```

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; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-864A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKHEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLCQNQ 120
Db 61 YPKHEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIIVF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIIVF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRNFELEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRNFELEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 203
US-10-137-869A-272
; Sequence 272, Application US/10137869A
; Publication No. US20030092111A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
```


APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C459
CURRENT APPLICATION NUMBER: US/10/158,785
CURRENT FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-158-785-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSWVVTQIGLPPILLTALAGSGGTASARAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLSWVVTQIGLPPILLTALAGSGGTASARAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 206
US-10-121-051-272
Sequence 272, Application US/10121051
Publication No. US20030092147A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C6
CURRENT APPLICATION NUMBER: US/10/121,051

CURRENT FILING DATE: 2002-04-11
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-051-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVVTQIGLPPILLTALAGSGGTASARAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVVTQIGLPPILLTALAGSGGTASARAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 207
US-10-121-042-272
Sequence 272, Application US/10121042
Publication No. US20030096386A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C10
CURRENT APPLICATION NUMBER: US/10/121,042
CURRENT FILING DATE: 2002-04-11
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-042-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDBQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDBQYACHLGCONQ 120

Qy 121 LPFAELRQEQLMSLMPKXHLFPPLTLVRSFWSMDWMDSAQSPITSSWTFYLQADDGKIVIP 180
Db 121 LPFAELRQEQLMSLMPKXHLFPPLTLVRSFWSMDWMDSAQSPITSSWTFYLQADDGKIVIP 180

Qy 181 QSKPEIQYAPHLEQEPITNLRSSLSKMSYQLWRNSQAHNPFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPITNLRSSLSKMSYQLWRNSQAHNPFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 210

US-10-166-709A-330
; Sequence 330, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin E.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C59
; CURRENT APPLICATION NUMBER: US/10/166,709A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15

;	PRIOR FILING DATE:	1997-12-11
;	PRIOR APPLICATION NUMBER:	60/069694
;	PRIOR FILING DATE:	1997-12-16
;	PRIOR APPLICATION NUMBER:	60/072320
;	PRIOR FILING DATE:	1998-01-23
;	PRIOR APPLICATION NUMBER:	60/073612
;	PRIOR FILING DATE:	1998-02-04
;	PRIOR APPLICATION NUMBER:	60/074086
;	PRIOR FILING DATE:	1998-02-09
;	PRIOR APPLICATION NUMBER:	60/074092
;	PRIOR FILING DATE:	1998-02-09
;	PRIOR APPLICATION NUMBER:	60/077791
;	PRIOR FILING DATE:	1998-03-12
;	PRIOR APPLICATION NUMBER:	60/078910
;	PRIOR FILING DATE:	1998-03-20
;	PRIOR APPLICATION NUMBER:	60/079294
;	PRIOR FILING DATE:	1998-03-25
;	PRIOR APPLICATION NUMBER:	60/079663
;	PRIOR FILING DATE:	1998-02-27
;	PRIOR APPLICATION NUMBER:	60/079728
;	PRIOR FILING DATE:	1998-03-27
;	PRIOR APPLICATION NUMBER:	60/080165
;	PRIOR FILING DATE:	1998-03-31
;	PRIOR APPLICATION NUMBER:	60/081203
;	PRIOR FILING DATE:	1998-04-09
;	PRIOR APPLICATION NUMBER:	60/081229
;	PRIOR FILING DATE:	1998-04-09
;	PRIOR APPLICATION NUMBER:	60/081695
;	PRIOR FILING DATE:	1998-04-14
;	PRIOR APPLICATION NUMBER:	60/081817
;	PRIOR FILING DATE:	1998-04-15
;	PRIOR APPLICATION NUMBER:	60/081818
;	PRIOR FILING DATE:	1998-04-15
;	PRIOR APPLICATION NUMBER:	60/082999
;	PRIOR FILING DATE:	1998-04-24
;	PRIOR APPLICATION NUMBER:	60/083322
;	PRIOR FILING DATE:	1998-04-28
;	PRIOR APPLICATION NUMBER:	60/083545
;	PRIOR FILING DATE:	1998-04-29
;	PRIOR APPLICATION NUMBER:	60/084600
;	PRIOR FILING DATE:	1998-05-07
;	PRIOR APPLICATION NUMBER:	60/084627
;	PRIOR FILING DATE:	1998-05-07
;	PRIOR APPLICATION NUMBER:	60/084637
;	PRIOR FILING DATE:	1998-05-07
;	PRIOR APPLICATION NUMBER:	60/085149
;	PRIOR FILING DATE:	1998-05-12
;	PRIOR APPLICATION NUMBER:	60/085323
;	PRIOR FILING DATE:	1998-05-13
;	PRIOR APPLICATION NUMBER:	60/085338
;	PRIOR FILING DATE:	1998-05-13
;	PRIOR APPLICATION NUMBER:	60/085339
;	PRIOR FILING DATE:	1998-05-13
;	PRIOR APPLICATION NUMBER:	60/085579
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085697
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/085704
;	PRIOR FILING DATE:	1998-05-15
;	PRIOR APPLICATION NUMBER:	60/086414
;	PRIOR FILING DATE:	1998-05-22
;	PRIOR APPLICATION NUMBER:	60/086430
;	PRIOR FILING DATE:	1998-05-22
;	PRIOR APPLICATION NUMBER:	60/087106
;	PRIOR FILING DATE:	1998-05-28
;	PRIOR APPLICATION NUMBER:	60/088026
;	PRIOR FILING DATE:	1998-06-04
;	PRIOR APPLICATION NUMBER:	60/088730
;	PRIOR FILING DATE:	1998-06-10
;	PRIOR APPLICATION NUMBER:	60/088741
;	PRIOR FILING DATE:	1998-06-10
;	PRIOR APPLICATION NUMBER:	60/088810
;	PRIOR FILING DATE:	1998-06-10

; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300

y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 212
S-10-194-359-272
Sequence 272, Application US/10194359
Publication No. US20030104545A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Bereasini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C315
; CURRENT APPLICATION NUMBER: US/10/194,359
; CURRENT FILING DATE: 2002-07-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-194-359-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 213
US-10-223-084-8
; Sequence 8, Application US/10223084
; Publication No. US20030105011A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235P1C5
; CURRENT APPLICATION NUMBER: US/10/223,084
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 8
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-084-8

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Qy 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120

Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 214
US-10-223-088-8
; Sequence 8, Application US/10223088
; Publication No. US20030105012A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin E.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.

; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235PIC6
; CURRENT APPLICATION NUMBER: US/10/223,088
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 8
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-088-8

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Qy 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120

Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 215
US-10-223-090-8
; Sequence 8, Application US/10223090
; Publication No. US20030105013A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Williams, P.Mickey
APPLICANT: Ye, Weilan
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
FILE REFERENCE: P3235P1C2
CURRENT APPLICATION NUMBER: US/10/223,090
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: US 10/081,056
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/213,637
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 60/219,556
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: US 60/220,624
PRIOR FILING DATE: 2000-07-25
PRIOR APPLICATION NUMBER: US 60/220,664
PRIOR FILING DATE: 2000-07-25
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: US 60/222,695
PRIOR FILING DATE: 2000-08-02
PRIOR APPLICATION NUMBER: US 09/643,657
PRIOR FILING DATE: 2000-08-17
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 383
SEQ ID NO 8
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
S-10-223-090-8

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGLWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGLWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTVLVSVMLLMICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTVLVSVMLLMICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 216
US-10-223-087-8
; Sequence 8, Application US/10223087
; Publication No. US20030109438A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P.Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235P1C4
; CURRENT APPLICATION NUMBER: US/10/223,087
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: US 60/230,978
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/232,887
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 09/664,610
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/242,922
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/709,238
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30952
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30873
; PRIOR FILING DATE: 2000-11-10
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 09/747,259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: US 09/767,609
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: US 09/796,498
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C111
CURRENT APPLICATION NUMBER: US/10/127,847A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-847A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 217
US-10-127-847A-272
Sequence 272, Application US/10127847A
Publication No. US20030119103A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C111
CURRENT APPLICATION NUMBER: US/10/127,847A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-847A-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 218

10-223-083-8

Sequence 8, Application US/10223083

Publication No. US20030119112A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Ferrara, Napoleone
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Stephan, Jean-Philippe P.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Williams, P.Mickey
APPLICANT: Ye, Weilan

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS

FILE REFERENCE: P3235P1C8

CURRENT APPLICATION NUMBER: US/10/223,083

CURRENT FILING DATE: 2002-08-16

PRIOR APPLICATION NUMBER: US 10/081,056

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/213,637

PRIOR FILING DATE: 2000-06-23

PRIOR APPLICATION NUMBER: US 60/219,556

PRIOR FILING DATE: 2000-07-20

PRIOR APPLICATION NUMBER: US 60/220,624

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: US 60/220,664

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: PCT/US00/20710

PRIOR FILING DATE: 2000-07-28

PRIOR APPLICATION NUMBER: US 60/222,695

PRIOR FILING DATE: 2000-08-02

PRIOR APPLICATION NUMBER: US 09/643,657

PRIOR FILING DATE: 2000-08-17

PRIOR APPLICATION NUMBER: PCT/US00/23522

PRIOR FILING DATE: 2000-08-23

PRIOR APPLICATION NUMBER: PCT/US00/23328

PRIOR FILING DATE: 2000-08-24

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 383

SEQ ID NO 8

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

3-10-223-083-8

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Mismatches 0; Indels 0; Gaps 0;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

|||||

1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

|||||

61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNO 120

|||||

61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNO 120

|||||

121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

|||||

|||||

Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 219

US-10-175-590-272

Sequence 272, Application US/10175590

Publication No. US20030122350A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C342

CURRENT APPLICATION NUMBER: US/10/175,590

CURRENT FILING DATE: 2002-06-18

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-175-590-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Mismatches 0; Indels 0; Gaps 0;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNO 120

Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECECTEAYSQSDEQYACHLGCQNO 120

Qy 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 220

US-10-223-089-8

Sequence 8, Application US/10223089

Publication No. US20030125521A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Ferrara, Napoleone
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Williams, P. Mickey
APPLICANT: Ye, Weilan

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS

FILE REFERENCE: P3235PIC9

CURRENT APPLICATION NUMBER: US/10/223,089

CURRENT FILING DATE: 2002-08-16

PRIOR APPLICATION NUMBER: US 10/081,056

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/213,637

PRIOR FILING DATE: 2000-06-23

PRIOR APPLICATION NUMBER: US 60/219,556

PRIOR FILING DATE: 2000-07-20

PRIOR APPLICATION NUMBER: US 60/220,624

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: US 60/220,664

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: PCT/US00/20710

PRIOR FILING DATE: 2000-07-28

PRIOR APPLICATION NUMBER: US 60/222,695

PRIOR FILING DATE: 2000-08-02

PRIOR APPLICATION NUMBER: US 09/643,657

PRIOR FILING DATE: 2000-08-17

PRIOR APPLICATION NUMBER: PCT/US00/23522

PRIOR FILING DATE: 2000-08-23

PRIOR APPLICATION NUMBER: PCT/US00/23328

PRIOR FILING DATE: 2000-08-24

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 383

SEQ ID NO 8

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-10-223-089-8

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKBEELYACQRCRLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQONQ 120

61 YPKBEELYACQRCRLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGQONQ 120

121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 221

US-10-137-866-272

Sequence 272, Application US/10137866

Publication No. US20030129689A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C151

CURRENT APPLICATION NUMBER: US/10/137,866

CURRENT FILING DATE: 2002-05-03

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059836

PRIOR FILING DATE: 1997-09-24

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062285

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062287

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/062816

PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
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PRIOR FILING DATE: 1997-12-11
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PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09

PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 19/98-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090538
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982

Query Match

100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
2b 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

2y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
|||||
2b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
|||||

2y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
2b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||

2y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||
2b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||

2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 222

US-10-146-726-272
; Sequence 272, Application US/10146726
; Publication No. US20030129690A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C308
; CURRENT APPLICATION NUMBER: US/10/146,726
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-726-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
2b 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

2y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
|||||

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 223

US-10-146-727-272
; Sequence 272, Application US/10146727
; Publication No. US20030129691A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C312
; CURRENT APPLICATION NUMBER: US/10/146,727
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-727-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNQ 120
|||||

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||

Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 224

US-10-146-788-272
Sequence 272, Application US/10146788
Publication No. US20030129693A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C322
CURRENT APPLICATION NUMBER: US/10/146,788
CURRENT FILING DATE: 2002-05-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-146-788-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
Y 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 225
US-10-152-380-272
Sequence 272, Application US/10152380
Publication No. US20030129694A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowaki, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C397
CURRENT APPLICATION NUMBER: US/10/152,380
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-380-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 226
US-10-153-934-272
Sequence 272, Application US/10153934
Publication No. US20030129695A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C412
CURRENT APPLICATION NUMBER: US/10/153,934
CURRENT FILING DATE: 2002-05-22
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-153-934-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 227
US-10-140-807-272
Sequence 272, Application US/10140807
Publication No. US20030134354A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C174
CURRENT APPLICATION NUMBER: US/10/140,807
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-807-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 228
US-10-140-924-272
Sequence 272, Application US/10140924
Publication No. US20030134355A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C177
CURRENT APPLICATION NUMBER: US/10/140,924

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CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-140-924-272

Query Match          100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSUWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKGSUWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Y 61 YPKEEELVACQRCGLFSCICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
|||||
b 61 YPKEEELVACQRCGLFSCICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
|||||

Y 121 LPFAELRQQLMSLMPKMHLLFPFLTIVRSFWSMDMDSAQSFITTSWTFYLQADDGKIVIF 180
|||||
b 121 LPFAELRQQLMSLMPKMHLLFPFLTIVRSFWSMDMDSAQSFITTSWTFYLQADDGKIVIF 180
|||||

Y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
|||||

Y 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMNEQLNRYPASSLTVVR 300
|||||
b 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMNEQLNRYPASSLTVVR 300
|||||

Y 301 SKTEDHEEAGPLTKVNLAHSEI 323
|||||
b 301 SKTEDHEEAGPLTKVNLAHSEI 323
|||||

```

ESULT 229
 S-10-140-926-272
 Sequence 272, Application US/10140926
 Publication No. US20030134356A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C187
 CURRENT APPLICATION NUMBER: US/10/140,926
 CURRENT FILING DATE: 2002-05-07
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 272
 LENGTH: 323
 TYPE: PRT
 ORGANISM: Homo Sapien
 S-10-140-926-272

```

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. NO. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAAPKGSIMVTRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
      |||
Db      1  MAAPKGSIMVTRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
      |||

QY     61  YPKSEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNG 120
      |||
Db     61  YPKSEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNG 120
      |||

QY    121  LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
      |||
Db    121  LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
      |||

QY    181  QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
      |||
Db    181  QSKPEIQYAPHLEQEPTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
      |||

QY    241  ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSLVVVR 300
      |||
Db    241  ILTTTLVLSVMVLLIWICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSLVVVR 300
      |||

QY    301  SKTEDHEEAGPLPTKVNLAHSEI 323
      |||
Db    301  SKTEDHEEAGPLPTKVNLAHSEI 323
      |||

RESULT 230
US-10-141-698-272
; Sequence 272, Application US/10141698
; Publication No. US20030134357A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C206
; CURRENT APPLICATION NUMBER: US/10/141,698
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-698-272

```

	Query Match	100.0%;	Score 1694;	DB 14;	Length 323;	
	Best Local Similarity	100.0%;	Pred. No. 1.4e-172;			
	Matches 323; Conservative	0;	Mismatches	0;	Indels	Gaps
					0;	0
Qy	1	MAAPKGS	LWVRTQLGLP	LLLLLT	MALAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT 60
Dd	1	MAAPKGS	LWVRTQLGLP	LLLLLT	MALAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT 60
Qy	61	YPKEEEL	YACQRGRLEFSICQFVDDGDIDINRTKLCESACTEAYSQSDEQYACHLGCQNQ			120

Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 231
US-10-141-702-272
; Sequence 272, Application US/10141702
; Publication No. US20030134358A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C208
; CURRENT APPLICATION NUMBER: US/10/141,702
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-702-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323
RESULT 232
US-10-141-704-272
; Sequence 272, Application US/10141704
; Publication No. US20030134359A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C209
; CURRENT APPLICATION NUMBER: US/10/141,704
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-704-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 233

S-10-142-421-272

Sequence 272, Application US/10142421

Publication No. US20030134360A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C218

CURRENT APPLICATION NUMBER: US/10/142,421

CURRENT FILING DATE: 2002-05-09

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-142-421-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

b 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120

b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120

Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323

b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 234

S-10-142-432-272

Sequence 272, Application US/10142432

Publication No. US20030134361A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C215

CURRENT APPLICATION NUMBER: US/10/142,432

CURRENT FILING DATE: 2002-05-09

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-142-432-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120

Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120

Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 235

US-10-142-767-272

Sequence 272, Application US/10142767

Publication No. US20030134362A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven

APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C241
CURRENT APPLICATION NUMBER: US/10/142,757
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
JS-10-142-767-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2y 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2y 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
2b 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
2y 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
2b 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHRNFLEDGESDGLRCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHRNFLEDGESDGLRCLSLNSGW 240
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2y 301 SKTEDEHEAGPLPTKVNLAHSEI 323
2b 301 SKTEDEHEAGPLPTKVNLAHSEI 323
RESULT 236
US-10-143-033-272
Sequence 272, Application US/10143033
Publication No. US20030134363A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C246

CURRENT APPLICATION NUMBER: US/10/143,033
CURRENT FILING DATE: 2002-05-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-143-033-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEELYACQRCRLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQ 120
Qy 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQVRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323
RESULT 237
US-10-144-994-272
Sequence 272, Application US/10144994
Publication No. US20030134364A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C257
CURRENT APPLICATION NUMBER: US/10/144,994
CURRENT FILING DATE: 2002-05-13
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-144-994-272

PRIOR APPLICATION NUMBER: 60/072322
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 19/98-06-11
PRIOR APPLICATION NUMBER: 60/089532

PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090538
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTRAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTRAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIYIF 180
DB 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIYIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 238
US-10-145-628-272
Sequence 272, Application US/10145628
Publication No. US20030134365A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C271
CURRENT APPLICATION NUMBER: US/10/145,628
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-628-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTRAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECEESACTRAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIYIF 180
DB 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIYIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 239
US-10-145-746-272
Sequence 272, Application US/10145746
Publication No. US20030134366A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C269
CURRENT APPLICATION NUMBER: US/10/145,746
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272

LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-145-746-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
D 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
D 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Y 121 LPFAELRQEQMLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
D 121 LPFAELRQEQMLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
D 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
D 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
D 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 240
US-10-145-748-272
Sequence 272, Application US/10145748
Publication No. US20030134367A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C283
CURRENT APPLICATION NUMBER: US/10/145,748
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
JS-10-145-748-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 241
US-10-145-823-272
Sequence 272, Application US/10145823
Publication No. US20030134368A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C262
CURRENT APPLICATION NUMBER: US/10/145,823
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-823-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQSLMPLKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 242

US-10-145-826-272
; Sequence 272, Application US/10145826
; Publication No. US20030134369A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C284
; CURRENT APPLICATION NUMBER: US/10/145,826
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-826-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
QY 121 LPFAELRQEQSLMPLKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQSLMPLKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 243
US-10-145-870-272
; Sequence 272, Application US/10145870
; Publication No. US20030134370A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C274
; CURRENT APPLICATION NUMBER: US/10/145,870
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-870-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
QY 121 LPFAELRQEQSLMPLKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQSLMPLKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 244

US-10-145-876-272

Sequence 272, Application US/10145876

Publication No. US20030134371A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C304

CURRENT APPLICATION NUMBER: US/10/145,876

CURRENT FILING DATE: 2002-05-14

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-145-876-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCNQ 120
b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCNQ 120
Y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 245

JS-10-145-959-272

Sequence 272, Application US/10145959

Publication No. US20030134372A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P330R1C281
CURRENT APPLICATION NUMBER: US/10/145,959
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-959-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 246

US-10-146-724-272

Sequence 272, Application US/10146724

Publication No. US20030134373A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K

APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C317
CURRENT APPLICATION NUMBER: US/10/146,724
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-146-724-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKBEELIYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBEELIYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 247
US-10-146-725-272
Sequence 272, Application US/10146725
Publication No. US20030134374A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C315
CURRENT APPLICATION NUMBER: US/10/146,725
CURRENT FILING DATE: 2002-05-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-146-725-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKBEELIYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBEELIYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 248
US-10-146-795-272
Sequence 272, Application US/10146795
Publication No. US20030134375A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C309
CURRENT APPLICATION NUMBER: US/10/146,795
CURRENT FILING DATE: 2002-05-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-146-795-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
b 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Y 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180
b 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 249

S-10-147-495-272

Sequence 272, Application US/10147495

Publication No. US20030134376A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C371
CURRENT APPLICATION NUMBER: US/10/147,495
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-147-495-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
b 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120

Y 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180
b 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 250

US-10-147-501-272

Sequence 272, Application US/10147501

Publication No. US20030134377A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C373
CURRENT APPLICATION NUMBER: US/10/147,501
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-147-501-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120

QY 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDQKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

10	241	ILTTTLVLSVMVLLWICCATVATAVEQYVFSEKLSIYGDLEFMNEQKLNRYPASSLVVR	300
20	301	SKTEDHEEAGPLPTKWNLAHSEI	323
30	301	SKTEDHEEAGPLPTKWNLAHSEI	323

```

RESULT 251
JS-10-147-504-272
; Sequence 272, Application US/10147504
; Publication No. US20030134378A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C372
; CURRENT APPLICATION NUMBER: US/10/147,504
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; JS-10-147-504-272

```

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MAAPKGS�WVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60	
Db	1	MAAPKGS�WVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60	
Qy	61	YPKEEELYACQRCGRLPFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ	120	
Db	61	YPKEEELYACQRCGRLPFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ	120	
Qy	121	LPFAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF	180	
Db	121	LPFAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF	180	
Qy	181	QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHENFLEDGESDGFRLCLSLNSCW	240	
Db	181	QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMRNSQAHENFLEDGESDGFRLCLSLNSCW	240	
Qy	241	ILTTTLVL SVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR	300	
Db	241	ILTTTLVL SVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR	300	
Qy	301	SKTEDHEEAGPLPTKVNLAHSEI	323	
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323	

RESULT 252

```

US-10-147-506-272
; Sequence 272, Application US/10147506
; Publication No. US20030134379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C344
; CURRENT APPLICATION NUMBER: US/10/147,506
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-506-272

Query Match          100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAAPKGS L W V R T Q L G L P P L L L L T M A L A G S G T A S A E F D S V L G D T A S C H R A C Q L T Y P L H T 60
Db      1  MAAPKGS L W V R T Q L G L P P L L L L T M A L A G S G T A S A E F D S V L G D T A S C H R A C Q L T Y P L H T 60

QY     61  YPKEELYACRGCRLLFPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGQCNQ 120
Db     61  YPKEELYACRGCRLLFPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGQCNQ 120

QY    121  LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFFITSSWTFYLOADDGKIVIF 180
Db    121  LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFFITSSWTFYLOADDGKIVIF 180

QY    181  QSKPEIQYAPHLEQEP TNLRESSLSKMSYLOMRNSQAHRNFLFEDGESDGFRLCLSLNSGW 240
Db    181  QSKPEIQYAPHLEQEP TNLRESSLSKMSYLOMRNSQAHRNFLFEDGESDGFRLCLSLNSGW 240

QY    241  ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db    241  ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY    301  SKTEDHEEAGPLPTKVNLAHSEI 323
Db    301  SKTEDHEEAGPLPTKVNLAHSEI 323

```

RESULT 253
US-10-147-509-272
; Sequence 272, Application US/10147509
; Publication No. US20030134380A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330RLC331
CURRENT APPLICATION NUMBER: US/10/147,509
CURRENT FILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339

;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/086414
;; PRIOR FILING DATE: 1998-05-22
;; PRIOR APPLICATION NUMBER: 60/086430
;; PRIOR FILING DATE: 1998-05-22
;; PRIOR APPLICATION NUMBER: 60/087106
;; PRIOR FILING DATE: 1998-05-28
;; PRIOR APPLICATION NUMBER: 60/088026
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088730
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088741
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 19/98-06-11
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090538
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 255
US-10-147-511-272
; Sequence 272, Application US/10147511
; Publication No. US20030134382A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 254
US-10-147-510-272
; Sequence 272, Application US/10147510
; Publication No. US20030134381A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC370
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-510-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED
 TITLE OF INVENTION: ACIDS EN
 FILE REFERENCE: P3330R1C356
 CURRENT APPLICATION NUMBER: U
 CURRENT FILING DATE: 2002-05
 Prior Application removed - S
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 272
 LENGTH: 323
 TYPE: PR1
 ORGANISM: Homo Sapien

S-10-147-511-272

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

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1  MAAPKGS L V R T Q L G L P P L L L T M A L A G S G T A S A E A F D S V L G D T A S C H R A C Q L T Y P L H T 60
1  MAAPKGS L V R T Q L G L P P L L L T M A L A G S G T A S A E A F D S V L G D T A S C H R A C Q L T Y P L H T 60

61  YPKEEEL Y A C Q R C R L F S I C Q F V D G I D L N R T K L E C E S A C T E A Y S Q S D E Q Y A C H L G C Q N Q 120
61  YPKEEEL Y A C Q R C R L F S I C Q F V D G I D L N R T K L E C E S A C T E A Y S Q S D E Q Y A C H L G C Q N Q 120

121  LPFAEL R Q E Q L M S L M P K M H L L P P L T L V R S F W S D M M D S A Q S P I T S S W T F Y L Q A D D G K I V I F 180
121  LPFAEL R Q E Q L M S L M P K M H L L P P L T L V R S F W S D M M D S A Q S P I T S S W T F Y L Q A D D G K I V I F 180

181  QSKPEI Q I Y A P H L E Q E P T N L R E S S I S K M S Y L O M R N S Q A H R N F L E D G E S D G F L R C I S I N S G W 240
181  QSKPEI Q I Y A P H L E Q E P T N L R E S S I S K M S Y L O M R N S Q A H R N F L E D G E S D G F L R C I S I N S G W 240

241  I L T T T L V L S V M V L L W I C C A T V A T A V E Q I V P S E K L S I Y G D L E F M N E Q K L N R Y P A S S L V V V R 300
241  I L T T T L V L S V M V L L W I C C A T V A T A V E Q I V P S E K L S I Y G D L E F M N E Q K L N R Y P A S S L V V V R 300

301  S K T E D H E E A G P L P T K V N L A H S E I 323
301  S K T E D H E E A G P L P T K V N L A H S E I 323

```

RESULT 256
 SS-10-147-529-272
 Sequence 272, Application US/10147529
 Publication No. US20030134383A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C333
 ; CURRENT APPLICATION NUMBER: US/10/147,529
 ; CURRENT FILING DATE: 2002-05-16
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 272
 ; LENGTH: 323
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-147-529-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

```

RESULT 257
US-10-152-397-272
; Sequence 272, Application US/10152397
; Publication No. US20030134384A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRA
; TITLE OF INVENTION: ACIDS ENCODING

```

FILE REFERENCE: P3330R1C380
CURRENT APPLICATION NUMBER: US/10/152,397
CURRENT FILING DATE: 2002-05-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-397-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

QY 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 258
US-10-153-586-272
Sequence 272, Application US/10153586
Publication No. US20030134385A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C413
CURRENT APPLICATION NUMBER: US/10/153,586
CURRENT FILING DATE: 2002-05-22
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien

US-10-153-586-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

QY 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 259
US-10-158-786-272
Sequence 272, Application US/10158786
Publication No. US20030134791A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C458
CURRENT APPLICATION NUMBER: US/10/158,786
CURRENT FILING DATE: 2002-05-30
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-158-786-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||

61 YPKBEELYACQCGRLPSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGCNQ 120
|||||
61 YPKBEELYACQCGRLPSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGCNQ 120
|||||
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 260
S-10-143-031A-330

Sequence 330, Application US/10143031A
Publication No. US20030138439A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, Audrey E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C39
CURRENT APPLICATION NUMBER: US/10/143,031A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-031A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
|||||
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
|||||

Qy 61 YPKBEELYACQCGRLPSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGCNQ 120
|||||
Db 61 YPKBEELYACQCGRLPSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGCNQ 120
|||||

Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||

Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
|||||

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 261

US-10-137-870-272
; Sequence 272, Application US/10137870
; Publication No. US20030138883A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C155

CURRENT APPLICATION NUMBER: US/10/137,870

CURRENT FILING DATE: 2002-05-03

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-870-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECEESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECEESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 262
US-10-140-018-272
; Sequence 272, Application US/10140018
; Publication No. US20030138885A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C158
; CURRENT APPLICATION NUMBER: US/10/140,018
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-018-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECEESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECEESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 263
US-10-140-021-272
; Sequence 272, Application US/10140021
; Publication No. US20030138886A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C167
; CURRENT APPLICATION NUMBER: US/10/140,021
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-021-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECEESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECEESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 264
S-10-140-471-272
Sequence 272, Application US/10140471
Publication No. US20030138897A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C163
CURRENT APPLICATION NUMBER: US/10/140,471
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-140-471-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 265
US-10-140-922-272
Sequence 272, Application US/10140922
Publication No. US2003013889A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C179
CURRENT APPLICATION NUMBER: US/10/140,922
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-922-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 266
US-10-145-631-272

; Sequence 272, Application US/10145631
; Publication No. US20030138891A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C273
; CURRENT APPLICATION NUMBER: US/10/145,631
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-631-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHHEAGPLPTKVNLAHSEI 323

RESULT 267
US-10-145-633-272
; Sequence 272, Application US/10145633
; Publication No. US20030138892A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C291
; CURRENT APPLICATION NUMBER: US/10/145,633
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-633-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHHEAGPLPTKVNLAHSEI 323

RESULT 268
US-10-158-783-272
; Sequence 272, Application US/10158783
; Publication No. US20030138893A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K

APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C447
CURRENT APPLICATION NUMBER: US/10/158,783
CURRENT FILING DATE: 2002-05-30
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-158-783-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
NY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
NY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
NY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
NY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
NY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
NY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 269

US-10-140-274-272
Sequence 272, Application US/10140274
Publication No. US20030143674A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C161
CURRENT APPLICATION NUMBER: US/10/140,274
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-274-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 270

US-10-143-030A-330
Sequence 330, Application US/10143030A
Publication No. US20030147901A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C33
CURRENT APPLICATION NUMBER: US/10/143,030A
CURRENT FILING DATE: 2002-08-27
PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/0622250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-030A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLLWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCQNG 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADDGKIVIP 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGM 240
Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGM 240

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSILVVVR 300
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEPFMNEQKLNRYPASSILVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 271
US-10-002-967A-330
; Sequence 330, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: ROY, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC72
; CURRENT APPLICATION NUMBER: US/10/002,967A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079653
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165

PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05

PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSUWRTQGLPPLLLTLMALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSUWRTQGLPPLLLTLMALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPPAEELRQELMSLMPKMHLLFPLTLVRSFWSDDMDSAQSPITSSWT FYLQADDGKIVIF 180
DB 121 LPPAEELRQELMSLMPKMHLLFPLTLVRSFWSDDMDSAQSPITSSWT FYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 272
US-10-017-083A-330
; Sequence 330, Application US/10017083A
; Publication No. US20030148376A1

Publication No. US20030148423A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C67
CURRENT APPLICATION NUMBER: US/10/017,083A
CURRENT FILING DATE: 2001-10-24
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-017-083A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 273
US-10-140-019-272
; Sequence 272, Application US/10140019

Publication No. US20030148423A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C170
CURRENT APPLICATION NUMBER: US/10/140,019
CURRENT FILING DATE: 2002-05-06
Prior Application removed - see file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-019-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLFSLICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 274
US-10-140-022-272
; Sequence 272, Application US/10140022
; Publication No. US20030148424A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C159
CURRENT APPLICATION NUMBER: US/10/140,022
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-140-022-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
b 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
Y 301 SKTEDHEERAGPLPTKVNLAHSEI 323
b 301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 275
S-10-140-861-272
Sequence 272, Application US/10140861
Publication No. US20030148425A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C178
CURRENT APPLICATION NUMBER: US/10/140,861
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-861-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 276
US-10-140-862-272
Sequence 272, Application US/10140862
Publication No. US20030148426A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C183
CURRENT APPLICATION NUMBER: US/10/140,862
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272


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; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-862-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRBSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRBSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
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```

RESULT 277
US-10-141-697-272
; Sequence 272, Application US/10141697
; Publication No. US20030148427A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C202
; CURRENT APPLICATION NUMBER: US/10/141,697
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-697-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRBSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRBSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
```

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RESULT 278
US-10-141-700-272
; Sequence 272, Application US/10141700
; Publication No. US20030148428A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C205
; CURRENT APPLICATION NUMBER: US/10/141,700
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-700-272
```

```

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAAFDVSLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
```

b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFIITSSWTFYLQADGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 279

US-10-141-705-272
Sequence 272, Application US/10141705
Publication No. US20030148429A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C201
CURRENT APPLICATION NUMBER: US/10/141,705
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-141-705-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
b 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFIITSSWTFYLQADGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFIITSSWTFYLQADGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 280
US-10-141-753-272
; Sequence 272, Application US/10141753
; Publication No. US20030148430A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C193
; CURRENT APPLICATION NUMBER: US/10/141,753
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-753-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFIITSSWTFYLQADGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFIITSSWTFYLQADGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 281

US-10-141-758-272

; Sequence 272, Application US/10141758
; Publication No. US20030148431A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C194

; CURRENT APPLICATION NUMBER: US/10/141,758

; CURRENT FILING DATE: 2002-05-08

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-141-758-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 282

US-10-142-418-272

; Sequence 272, Application US/10142418

; Publication No. US20030148433A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C247

; CURRENT APPLICATION NUMBER: US/10/142,418

; CURRENT FILING DATE: 2002-05-10

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-142-418-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 283

US-10-142-420-272

; Sequence 272, Application US/10142420

; Publication No. US20030148434A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C235

CURRENT FILING DATE: 2002-05-09
 CURRENT APPLICATION NUMBER: US/10/142,420
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550

ORGANISM: Homo Sapien
S-10-142-420-272

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;

61 YPKEEELYACQRCGLFSLICQFVDDGDIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120

61 YPKEEELYACQRCGLFSLICQFVDDGDIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120

γ	181	QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHRNFLEDGESDGFRLCLSLNSGW	240
β	181	QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHRNFLEDGESDGFRLCLSLNSGW	240

Y	301	SKTEDHERAGPLPTKVNL	AHSEI	323
D	301	SKTEDHERAGPLPTKVNL	AHSEI	323

ESULT 284
S-10-142-422-272
Sequence 272, Application US/10142422
Publication No. US20030148435A1
GENERAL INFORMATION:

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330RIC226
CURRENT APPLICATION NUMBER: US/10/142,422
CURRENT FILING DATE: 2002-05-09
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

```

; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-422-272

```

```
Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0;
```

QY 61 YPKHEELYACQRCRLFSICQFVDDGDIDLNRTKLECSACTEAYSQSDEQVACHLGCQ 120

Db 61 YPKHEELYACQRCRLFSICQFVDDGDIDLNRTKLECSACTEAYSQSDEQVACHLGCQ 120

	181	QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMNSQAHRNPFLEDGESDGFRLCLSLNSGW	240
Qy	181	QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMNSQAHRNPFLEDGESDGFRLCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMNSQAHRNPFLEDGESDGFRLCLSLNSGW	240

Oy	301 SKTEDHREAGPLPTKVNLAHSEI 323
D6	301 SKTEDHREAGPLPTKVNLAHSEI 323

; Sequence 272, Application US/10142427
: Publication No. US20030148436A1

APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary B.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C231
 CURRENT APPLICATION NUMBER: US/10/142,427
 CURRENT FILING DATE: 2002-05-09
 Prior Apolocalization removed - See File Wrapper or palm

```

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0

```


QY 1 MAAPKGSLSWVTRTQGLPPLLLTMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 286
US-10-142-760-272
; Sequence 272, Application US/10142760
; Publication No. US20030148437A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C239
; CURRENT APPLICATION NUMBER: US/10/142,760
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-760-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 287
US-10-145-821-272
; Sequence 272, Application US/10145821
; Publication No. US20030148438A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C286
; CURRENT APPLICATION NUMBER: US/10/145,821
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-821-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYFASLSLVVR 300
y 301 SKTEDEHREAGPLPTKVNLAHSEI 323
b 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 288

US-10-127-840A-272
Sequence 272, Application US/10152531
Publication No. US20030148439A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C378
CURRENT APPLICATION NUMBER: US/10/152,531
CURRENT FILING DATE: 2002-05-20
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-531-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYFASLSLVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYFASLSLVVR 300
y 301 SKTEDEHREAGPLPTKVNLAHSEI 323
b 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 289

US-10-127-840A-272
Sequence 272, Application US/10127840A
Publication No. US20030153033A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C114
CURRENT APPLICATION NUMBER: US/10/127,840A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-127-840A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 290

US-10-142-424-272
; Sequence 272, Application US/10142424
; Publication No. US20030153034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C220
; CURRENT APPLICATION NUMBER: US/10/142,424
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-424-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPFAELRQEQQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 291
US-10-142-761-272
; Sequence 272, Application US/10142761
; Publication No. US20030157601A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C223
; CURRENT APPLICATION NUMBER: US/10/142,761
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-761-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPFAELRQEQQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 292

US-10-142-763-272
; Sequence 272, Application US/10142763
; Publication No. US20030157602A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C243
CURRENT APPLICATION NUMBER: US/10/142,763
CURRENT FILING DATE: 2002-05-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-142-763-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRLTQLPPLLLTLMALAGSGTASARAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQLPPLLLTLMALAGSGTASARAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPPAELRQELMSLMPKMLLFPFLTIVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF 180
DB 121 LPPAELRQELMSLMPKMLLFPFLTIVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
QY 301 SKTEDEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEEAGPLPTKVNLAHSEI 323
RESULT 293
US-10-142-765-272
Sequence 272, Application US/10142765
Publication No. US20030157603A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C212
CURRENT APPLICATION NUMBER: US/10/142,887

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C237
CURRENT APPLICATION NUMBER: US/10/142,765
CURRENT FILING DATE: 2002-05-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-142-765-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRLTQLPPLLLTLMALAGSGTASARAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQLPPLLLTLMALAGSGTASARAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPPAELRQELMSLMPKMLLFPFLTIVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF 180
DB 121 LPPAELRQELMSLMPKMLLFPFLTIVRSFWSMDMDSAQSFITSSWTFYLAADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300
QY 301 SKTEDEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEEAGPLPTKVNLAHSEI 323
RESULT 294
US-10-142-887-272
Sequence 272, Application US/10142887
Publication No. US20030157605A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C212
CURRENT APPLICATION NUMBER: US/10/142,887

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
1	MAAPKGS LWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60		
1	MAAPKGS LWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60		
61	YPKEBELYACORGCR LFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ	120		
61	YPKEBELYACORGCR LFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCCNQ	120		
121	LPFAELRQEQ LMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF	180		
121	LPFAELRQEQ LMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF	180		
181	QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHRNFLDGEDSGDFLRCILSLSGW	240		
181	QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHRNFLDGEDSGDFLRCILSLSGW	240		
241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR	300		
241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR	300		
301	SKTEDEHEAGPLPTKVNLAHSEI	323		
301	SKTEDEHEAGPLPTKVNLAHSEI	323		

RESULT 296
US-10-143-034-272
; Sequence 272, Application US/10143034
; Publication No. US20030157607A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C233
; CURRENT APPLICATION NUMBER: US/10/143, 034
; CURRENT FILING DATE: 2002-05-09
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-034-272

Query Match          100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAAPKGSLSWVSTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
        |||||||
Db       1 MAAPKGSLSWVSTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLTYPLHT 60
        |||||||
        61 VKTEREIVACRGCGTELESICOFVDNDGIDINRKTKECSACTRAYSOSDEOVACHLGCNQ 120

```

b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 297

S-10-143-116-272
Sequence 272, Application US/10143116
Publication No. US20030157608A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C216
CURRENT APPLICATION NUMBER: US/10/143,116
CURRENT FILING DATE: 2002-05-05
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-143-116-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSIMVVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACOLTYPLHT 60
1 MAAPKGSIMVVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACOLTYPLHT 60
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 298
US-10-144-957-272
Sequence 272, Application US/10144957
Publication No. US20030157610A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C255
CURRENT APPLICATION NUMBER: US/10/144,957
CURRENT FILING DATE: 2002-05-13
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-144-957-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSIMVVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACOLTYPLHT 60
1 MAAPKGSIMVVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACOLTYPLHT 60
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLWVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 299

JS-10-144-992-272
; Sequence 272, Application US/10144992
; Publication No. US20030157611A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C259
; CURRENT APPLICATION NUMBER: US/10/144,992
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-144-992-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 300

US-10-145-015-272
; Sequence 272, Application US/10145015
; Publication No. US20030157612A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C253
; CURRENT APPLICATION NUMBER: US/10/145,015
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-015-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 301

US-10-145-090-272
; Sequence 272, Application US/10145090
; Publication No. US20030157613A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven

APPLICANT: Smith,Victoria
 APPLICANT: Stewart,Timothy A.
 APPLICANT: Tumas,Daniel
 APPLICANT: Watanabe,Colin K
 APPLICANT: Wood,William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED A
 TITLE OF INVENTION: ACIDS ENC
 FILE REFERENCE: P3330R1C260
 CURRENT APPLICATION NUMBER: US
 CURRENT FILING DATE: 2002-05-
 Prior Application removed - Se
 NUMBER OF SEQ ID NOS: 550

```
Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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y	1	MAAPKGS	LWVRTQ	LGLP	PLLL	LT	MALAGSGGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60											
b	1	MAAPKGS	LWVRTQ	LGLP	PLLL	LT	MALAGSGGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60											
y	61	YPKEE	LYACQ	RG	CL	FSICQFVDDG	IDLNR	TKLECESACTEAYSQSDEQYACH	GCQNQ	120										
b	61	YPKEE	LYACQ	RG	CL	FSICQFVDDG	IDLNR	TKLECESACTEAYSQSDEQYACH	GCQNQ	120										
y	121	LPFAEL	ROEQL	MSL	MP	KM	HELL	FPLTLVRSFWS	DMD	SAQS	FITSS	WTFYL	QADDG	KIVIP	180					
b	121	LPFAEL	ROEQL	MSL	MP	KM	HELL	FPLTLVRSFWS	DMD	SAQS	FITSS	WTFYL	QADDG	KIVIP	180					
y	181	QSKPEI	QYAP	HL	EQ	BEPTN	LR	ESSLS	KMSYLO	MNSQAHRN	FL	EDGES	DG	FL	CL	SLNS	GW	240		
b	181	QSKPEI	QYAP	HL	EQ	BEPTN	LR	ESSLS	KMSYLO	MNSQAHRN	FL	EDGES	DG	FL	CL	SLNS	GW	240		
y	241	ILTTTL	VL	SV	ML	LW	IC	AT	VAT	AVEQYVP	SEKLSI	YGDL	EF	MNEQ	KL	RY	PASS	LV	VVR	300
b	241	ILTTTL	VL	SV	ML	LW	IC	AT	VAT	AVEQYVP	SEKLSI	YGDL	EF	MNEQ	KL	RY	PASS	LV	VVR	300
y	301	SKTED	HER	AG	PL	PT	KVN	L	AH	SEI	323									
b	301	SKTED	HER	AG	PL	PT	KVN	L	AH	SEI	323									

RESULT 302

US-10-145-091-272
Sequence 272, Application US/10145091
Publication No. US20030157614A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED F
FILE REFERENCE: P3330R1C258

```

; CURRENT APPLICATION NUMBER: US/10/145,091
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-145-091-272

```

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative	0;	Mismatches 0;	Indels 0;

QY	1	MAAPKGS	LWVR	TQ	LG	PL	PL	LL	TM	AL	AG	GS	GT	AS	AE	AF	DS	VL	GD	T	AS	CH	R	AC	Q	L	T	P	L	H	T	60																											
DB	1	MAAPKGS	LWVR	TQ	LG	PL	PL	LL	TM	AL	AG	GS	GT	AS	AE	AF	DS	VL	GD	T	AS	CH	R	AC	Q	L	T	P	L	H	T	60																											
QY	61	YPK	EE	LY	AC	Q	R	C	L	F	S	I	C	Q	F	V	D	D	G	I	D	L	N	R	T	K	L	E	C	E	S	A	C	T	E	A	Y	S	Q	S	D	E	Q	Y	A	C	H	L	G	C	Q	N	Q	120					
DB	61	YPK	EE	LY	AC	Q	R	C	L	F	S	I	C	Q	F	V	D	D	G	I	D	L	N	R	T	K	L	E	C	E	S	A	C	T	E	A	Y	S	Q	S	D	E	Q	Y	A	C	H	L	G	C	Q	N	Q	120					
QY	121	LPP	AE	L	R	Q	E	Q	L	M	S	L	M	P	K	M	H	L	L	P	L	T	L	V	R	S	F	W	S	D	M	M	D	S	A	Q	S	P	I	T	S	S	W	T	F	Y	L	Q	A	D	D	G	K	I	V	I	P	180	
DB	121	LPP	AE	L	R	Q	E	Q	L	M	S	L	M	P	K	M	H	L	L	P	L	T	L	V	R	S	F	W	S	D	M	M	D	S	A	Q	S	P	I	T	S	S	W	T	F	Y	L	Q	A	D	D	G	K	I	V	I	P	180	
QY	181	QSK	PE	I	Q	Y	A	P	H	L	E	Q	E	P	T	N	L	R	E	S	S	L	S	K	M	S	Y	L	O	M	R	N	S	Q	A	H	R	N	F	L	E	D	G	E	S	D	G	F	L	R	C	L	S	L	N	S	G	W	240
DB	181	QSK	PE	I	Q	Y	A	P	H	L	E	Q	E	P	T	N	L	R	E	S	S	L	S	K	M	S	Y	L	O	M	R	N	S	Q	A	H	R	N	F	L	E	D	G	E	S	D	G	F	L	R	C	L	S	L	N	S	G	W	240
QY	241	I	L	T	T	L	V	L	S	V	M	V	L	L	W	I	C	C	A	T	A	T	A	V	E	Q	Y	V	P	S	E	K	L	S	Y	G	D	L	E	F	M	N	E	Q	K	L	N	R	Y	P	A	S	S	L	V	V	V	R	300
DB	241	I	L	T	T	L	V	L	S	V	M	V	L	L	W	I	C	C	A	T	A	T	A	V	E	Q	Y	V	P	S	E	K	L	S	Y	G	D	L	E	F	M	N	E	Q	K	L	N	R	Y	P	A	S	S	L	V	V	V	R	300
QY	301	S	K	T	E	D	H	R	E	A	G	P	L	P	T	K	V	N	L	A	H	S	E	I	323																																		
DB	301	S	K	T	E	D	H	R	E	A	G	P	L	P	T	K	V	N	L	A	H	S	E	I	323																																		

RESIST 303

US-10-145-128A-330
; Sequence 330, Application US/10145128A
; Publication No. US20030157615A1

GENERAL INFORMATION:

APPLICANT:	Ashkenazi, Avi
APPLICANT:	Baker Kevin P.
APPLICANT:	Botstein, David
APPLICANT:	Desnoyers, Luc
APPLICANT:	Eaton, Dan
APPLICANT:	Ferrara, Napoleon
APPLICANT:	Filvaroff, Ellen
APPLICANT:	Fong, Sherman
APPLICANT:	Gao, Wei-Qiang
APPLICANT:	Gerber, Hanspeter
APPLICANT:	Gerritsen, Mary E.
APPLICANT:	Goddard, Audrey
APPLICANT:	Godowski, Paul J.
APPLICANT:	Grimaldi, J. Christopher
APPLICANT:	Gurney, Austin L.
APPLICANT:	Hillan, Kenneth J.
APPLICANT:	Kljasin, Ivar J.
APPLICANT:	Kuo, Sophia S.
APPLICANT:	Napier, Mary A.
APPLICANT:	Pan, James;
APPLICANT:	Paoni, Nicholas P.
APPLICANT:	Roy, Margaret Ann
APPLICANT:	Shelton, David L.
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Tumas, Daniel
APPLICANT:	Williams, P. Mickey
APPLICANT:	Wood, William I.
TITLE OF INVENTION: Secreted and Tra	
TITLE OF INVENTION: Acids Encoding	


```

; FILE REFERENCE: P2630P1C46
; CURRENT APPLICATION NUMBER: US/10/145.128A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed -
; NUMBER OF SEQ ID NOS: 524
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-128A-330

```

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	MAAPKGSINVRTQIGLPPILLITMALAGSGGTASAEAFDSVLGDTASCHRA	QTYPLHT	60
DB	1	MAAPKGSINVRTQIGLPPILLITMALAGSGGTASAEAFDSVLGDTASCHRA	QTYPLHT	60
QY	61	YPKEEELYACQRCGRLEFSICQFVDDGIDLNR	TKLECESACTEAYSQSDEQYACHLCQ	120
DB	61	YPKEEELYACQRCGRLEFSICQFVDDGIDLNR	TKLECESACTEAYSQSDEQYACHLCQ	120
QY	121	LPFAELRQEQLM	SLMPKMHLLPPLTI	180
DB	121	LPFAELRQEQLM	SLMPKMHLLPPLTI	180
QY	181	QSKPEIQYAPHLEQ	EPTNLRESSLSKMSYLOMRNSQAHN	240
DB	181	QSKPEIQYAPHLEQ	EPTNLRESSLSKMSYLOMRNSQAHN	240
QY	241	ILTTTLVL	SVMWLLWICCATVATAVEQYVPSEKLSIYGDLE	300
DB	241	ILTTTLVL	SVMWLLWICCATVATAVEQYVPSEKLSIYGDLE	300
QY	301	SKTIEDHEE	AGPLPTKVNLAHSEI	323
DB	301	SKTIEDHEE	AGPLPTKVNLAHSEI	323

RESULT 304
US-10-145-629-272
; Sequence 272, Application US/10145629
; Publication No. US20030157616A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

```

: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: TITLE OF INVENTION: ACIDS ENCODING THE SAME
: FILE REFERENCE: P3330R1C264
: CURRENT APPLICATION NUMBER: US/10/145,629
: CURRENT FILING DATE: 2002-05-14
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 550
: SEQ ID NO 272
: LENGTH: 323
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-145-629-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAAFDVSLGDTASCHRAQCQLTYPLHT 60
DB      1  MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAAFDVSLGDTASCHRAQCQLTYPLHT 60

QY      61  YPKKEELVACQRCGRFLFSICQFVDDGIDILNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB      61  YPKKEELVACQRCGRFLFSICQFVDDGIDILNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY      121  LPPAELRQEQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFITSSWTFYLAQDDGKIVIF 180
DB      121  LPPAELRQEQLMSLMPKMHLLPPLTLVRSFWSDMMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY      181  QSKPEIQYAPHLEQEPNTLRESSLSKMSYLVQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
DB      181  QSKPEIQYAPHLEQEPNTLRESSLSKMSYLVQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY      241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
DB      241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

QY      301  SKTEDHEAGPLPTKVNLAHSEI 323
DB      301  SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 305
US-10-145-630-272
: Sequence 272, Application US/10145630
: Publication No. US20030157617A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Beresini, Maureen
: APPLICANT: DeForge, Laura
: APPLICANT: Desnoyers, Luc
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerritsen, Mary B.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Sherwood, Steven
: APPLICANT: Smith, Victoria
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K
: APPLICANT: Wood, William
: APPLICANT: Zhang, Zemin

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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C272
CURRENT APPLICATION NUMBER: US/10/145,630
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
3-10-145-630-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGQCNQ 120
61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGQCNQ 120
121 LPPAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
121 LPPAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 306
S-10-145-747-272
Sequence 272, Application US/10145747
Publication No. US20030157618A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C300
CURRENT APPLICATION NUMBER: US/10/145,747
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323

TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-747-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGQCNQ 120
61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGQCNQ 120
121 LPPAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
121 LPPAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 307
US-10-145-752-272
Sequence 272, Application US/10145752
Publication No. US20030157619A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C292
CURRENT APPLICATION NUMBER: US/10/145,752
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-752-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 308

US-10-145-754-272
; Sequence 272, Application US/10145754
; Publication No. US20030157620A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C287
; CURRENT APPLICATION NUMBER: US/10/145,754
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-754-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 309

US-10-145-755-272
; Sequence 272, Application US/10145755
; Publication No. US20030157621A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C270
; CURRENT APPLICATION NUMBER: US/10/145,755
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-755-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 310

S-10-145-818-272
Sequence 272, Application US/10145818
Publication No. US20030157622A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C290

CURRENT APPLICATION NUMBER: US/10/145,818

CURRENT FILING DATE: 2002-05-14

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-145-818-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSINVRTQLGLPPLILLTMALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSINVRTQLGLPPLILLTMALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNG 120
b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNG 120
y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSEFWSMDMDSQAQSFITSSWTFVLQADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSEFWSMDMDSQAQSFITSSWTFVLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 311

S-10-145-820-272

Sequence 272, Application US/10145820

Publication No. US20030157623A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C276
CURRENT APPLICATION NUMBER: US/10/145,820
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733

;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/063735
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/063738
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/064248
;; PRIOR FILING DATE: 1997-11-03
;; PRIOR APPLICATION NUMBER: 60/064809
;; PRIOR FILING DATE: 1997-11-07
;; PRIOR APPLICATION NUMBER: 60/065186
;; PRIOR FILING DATE: 1997-11-12
;; PRIOR APPLICATION NUMBER: 60/065846
;; PRIOR FILING DATE: 1997-11-17
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/066453
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066511
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066770
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/069212
;; PRIOR FILING DATE: 1997-12-11
;; PRIOR APPLICATION NUMBER: 60/069278
;; PRIOR FILING DATE: 1997-12-11
;; PRIOR APPLICATION NUMBER: 60/069334
;; PRIOR FILING DATE: 1997-12-11
;; PRIOR APPLICATION NUMBER: 60/069694
;; PRIOR FILING DATE: 1997-12-16
;; PRIOR APPLICATION NUMBER: 60/072320
;; PRIOR FILING DATE: 1998-01-23
;; PRIOR APPLICATION NUMBER: 60/073612
;; PRIOR FILING DATE: 1998-02-04
;; PRIOR APPLICATION NUMBER: 60/074086
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/074092
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/077791
;; PRIOR FILING DATE: 1998-03-12
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079563
;; PRIOR FILING DATE: 1998-02-27
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081695
;; PRIOR FILING DATE: 1998-04-14
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081818
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082999
;; PRIOR FILING DATE: 1998-04-24
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07

;; PRIOR APPLICATION NUMBER: 60/085149
;; PRIOR FILING DATE: 1998-05-12
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/086414
;; PRIOR FILING DATE: 1998-05-22
;; PRIOR APPLICATION NUMBER: 60/086430
;; PRIOR FILING DATE: 1998-05-22
;; PRIOR APPLICATION NUMBER: 60/087106
;; PRIOR FILING DATE: 1998-05-28
;; PRIOR APPLICATION NUMBER: 60/088026
;; PRIOR FILING DATE: 1998-06-04
;; PRIOR APPLICATION NUMBER: 60/088730
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088741
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088810
;; PRIOR FILING DATE: 1998-06-10
;; PRIOR APPLICATION NUMBER: 60/088858
;; PRIOR FILING DATE: 19/98-06-11
;; PRIOR APPLICATION NUMBER: 60/089532
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089599
;; PRIOR FILING DATE: 1998-06-17
;; PRIOR APPLICATION NUMBER: 60/089907
;; PRIOR FILING DATE: 1998-06-18
;; PRIOR APPLICATION NUMBER: 60/089947
;; PRIOR FILING DATE: 1998-06-19
;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090445
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090538
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090863
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. NO. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWVRTQIAGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db |||||
Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db |||||
Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db |||||
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
Db |||||
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNRFLEDGESDGFLECLSLNSGW 240
Db |||||

2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
2y 301 SKTEDEHEEAGPLPTKVNLAHSEI 323
|||
2b 301 SKTEDEHEEAGPLPTKVNLAHSEI 323
|||

RESULT 312

US-10-145-872-272

Sequence 272, Application US/10145872

Publication No. US20030157624A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Tumanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C294

CURRENT APPLICATION NUMBER: US/10/145,872

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-145-872-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
|||

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
|||

61 YPKSEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNG 120
|||

61 YPKSEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNG 120
|||

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLAQDDGKIVIF 180
|||

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLAQDDGKIVIF 180
|||

181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
|||

181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
|||

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||

301 SKTEDEHEEAGPLPTKVNLAHSEI 323
|||

301 SKTEDEHEEAGPLPTKVNLAHSEI 323
|||

RESULT 314

US-10-147-481-272

Sequence 272, Application US/10147481

Publication No. US20030157626A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C360
CURRENT APPLICATION NUMBER: US/10/147,481
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-481-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||
Db 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKEEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
|||
Db 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 315
US-10-147-482-272
; Sequence 272, Application US/10147482
; Publication No. US20030157627A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C335
; CURRENT APPLICATION NUMBER: US/10/147,503

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C364
CURRENT APPLICATION NUMBER: US/10/147,482
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-482-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||
Db 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKEEELYACQRCRLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
|||
Db 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 316
US-10-147-503-272
; Sequence 272, Application US/10147503
; Publication No. US20030157628A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C335
; CURRENT APPLICATION NUMBER: US/10/147,503

CURRENT FILING DATE: 2002-05-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien

```

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

[illegible]

RESIST 317

US-10-147-522-272
Sequence 272, Application US/10147522
Publication No. US20030157629A1

POLITICAL NO: 0000
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C359
CURRENT APPLICATION NUMBER: US/10/147,522
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272
LENGTH: 323
TYPE: PRT

ORGANISM: HOM
JS-10-147-522-272

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MAAPKGSWVRTQIGLPPLILLT	MAAGSGGTASAEAFDSVLGDTAS	CHRACOLTYPLHT 60
Db	1	MAAPKGSWVRTQIGLPPLILLT	MAAGSGGTASAEAFDSVLGDTAS	CHRACOLTYPLHT 60
Qy	61	YPKEELYACQRCGLPSICQFVDDG	IDLNRTKLECSACTEAYSQSDEQYACHLG	CQNQ 120
Db	61	YPKEELYACQRCGLPSICQFVDDG	IDLNRTKLECSACTEAYSQSDEQYACHLG	CQNQ 120
Qy	121	LPFAELRQEQMLSPKMGHLLPPLTL	VRSFWSMDMDSAQSFITSSWTFYLOADDG	KIVIF 180
Db	121	LPFAELRQEQMLSPKMGHLLPPLTL	VRSFWSMDMDSAQSFITSSWTFYLOADDG	KIVIF 180
Qy	181	QSKPEIQYAPHLEQEBTNLR	RESSLSKMSYLOMENSQAHRNFLEDGESD	GFLRCLSLNSGW 240
Db	181	QSKPEIQYAPHLEQEBTNLR	RESSLSKMSYLOMENSQAHRNFLEDGESD	GFLRCLSLNSGW 240
Qy	241	ILTTTLVLSVMVLLWICCATVATAVEQ	YVPSEKLSIYGDLRFMNEQKLNRYPASS	LVVVR 300
Db	241	ILTTTLVLSVMVLLWICCATVATAVEQ	YVPSEKLSIYGDLRFMNEQKLNRYPASS	LVVVR 300
Qy	301	SKTEDHEEAGPLPTKVNLAHSEI		323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI		323

RESULT 31B

US-10-152-401-272
; Sequence 272, Application US/10152401
: Publication No. US20030157630A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C385
 CURRENT APPLICATION NUMBER: US/10/152,401
 CURRENT FILING DATE: 2002-05-20
 Prior Application removed - See file Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 272
 LENGTH: 323
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-152-401-272

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative	0;	Mismatches 0;	Indels 0;
				Gaps 0;

[illegible]

Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHRNFLFEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHRNFLFEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 319

US-10-157-783-272
; Sequence 272, Application US/10157783
; Publication No. US20030157631A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C435
; CURRENT APPLICATION NUMBER: US/10/157,783
; CURRENT FILING DATE: 2002-05-29
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-157-783-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHRNFLFEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHRNFLFEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHRNFLFEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 320
US-10-158-792-272
; Sequence 272, Application US/10158792
; Publication No. US20030157632A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C460
; CURRENT APPLICATION NUMBER: US/10/158,792
; CURRENT FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-792-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHRNFLFEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHRNFLFEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 321

S-10-158-462-272
Sequence 272, Application US/10158462
Publication No. US20030158104A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C439

CURRENT APPLICATION NUMBER: US/10/158,462

CURRENT FILING DATE: 2002-05-29

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-158-462-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSILWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

b 1 MAAPKGSILWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Y 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

b 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFTSSWTFYLQADDGKIVIF 180

b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFTSSWTFYLQADDGKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240

b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 322

S-10-143-035-272

Sequence 272, Application US/10143035

Publication No. US20030166071A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C219

CURRENT APPLICATION NUMBER: US/10/143,035

CURRENT FILING DATE: 2002-05-09

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-143-035-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

Db 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFTSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFTSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 323

US-10-145-751-272

Sequence 272, Application US/10145751

Publication No. US20030166074A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C301
CURRENT APPLICATION NUMBER: US/10/145,751
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-751-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCQNG 120

Qy 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 324
US-10-145-822-272
Sequence 272, Application US/10145822
Publication No. US20030166075A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C302
CURRENT APPLICATION NUMBER: US/10/145,822

CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-822-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCQNG 120

Qy 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 325
US-10-145-824-272
Sequence 272, Application US/10145824
Publication No. US20030166076A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C280
CURRENT APPLICATION NUMBER: US/10/145,824
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-824-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSILWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKGSILWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||

y 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||
b 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||

y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
|||||

y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

y 301 SKTEDHERAGPLPTKVNLAHSEI 323
|||||
b 301 SKTEDHERAGPLPTKVNLAHSEI 323
|||||

RESULT 326
S-10-145-827-272
Sequence 272, Application US/10145827
Publication No. US20030166077A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C265
CURRENT APPLICATION NUMBER: US/10/145,827
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-827-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSILWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKGSILWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||

Qy 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||

Db 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||

Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
|||||

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
|||||

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||

Qy 301 SKTEDHERAGPLPTKVNLAHSEI 323
|||||

Db 301 SKTEDHERAGPLPTKVNLAHSEI 323
|||||

RESULT 327
US-10-145-869-272
Sequence 272, Application US/10145869
Publication No. US20030166078A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C295
CURRENT APPLICATION NUMBER: US/10/145,869
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-869-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Db 1 MAAPKGSILWVVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||

Qy 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||

Db 121 LPPAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||

Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
|||||

Db 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 328

US-10-145-875-272
; Sequence 272, Application US/10145875
; Publication No. US20030166079A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C298
; CURRENT APPLICATION NUMBER: US/10/145,875
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-875-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWMVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYP LHT 60
Db 1 MAAPKGSWMVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYP LHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQLMSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 330

US-10-145-958-272
; Sequence 272, Application US/10145958
; Publication No. US20030166081A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

RESULT 329

US-10-145-877-272
; Sequence 272, Application US/10145877
; Publication No. US20030166080A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/145,877
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-877-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWMVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYP LHT 60
Db 1 MAAPKGSWMVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYP LHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQLMSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQLMSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

APPLICANT: DeForge,Laura
APPLICANT: Desnoyers,Luc
APPLICANT: Filvaroff,Ellen
APPLICANT: Gao,Wei-Qiang
APPLICANT: Gerritsen,Mary E.
APPLICANT: Goddard,Audrey
APPLICANT: Godowski,Paul J.
APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tamas,Daniel
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C278
CURRENT APPLICATION NUMBER: US/10/145,958
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-145-958-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Y 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
b 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

Y 121 LPFABLREQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFABLREQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYEPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYEPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 331
S-10-146-787-272
Sequence 272, Application US/10146787
Publication No. US20030166082A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven

APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tamas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C316
CURRENT APPLICATION NUMBER: US/10/146,787
CURRENT FILING DATE: 2002-05-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-146-787-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

QY 121 LPFABLREQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFABLREQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYEPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYEPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 332
US-10-146-790-272
Sequence 272, Application US/10146790
Publication No. US20030166083A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C324

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; CURRENT APPLICATION NUMBER: US/10/146,790
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; JS-10-146-790-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||||
2b 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||||

2y 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
   |||||
2b 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
   |||||

2y 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
   |||||
2b 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
   |||||

2y 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||
2b 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||

2y 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
   |||||
2b 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
   |||||

2y 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
   |||||
2b 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
   |||||

2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
   |||||
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
   |||||

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
```

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RESULT 333
US-10-146-793-272
; Sequence 272, Application US/10146793
; Publication No. US20030166084A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C310
; CURRENT APPLICATION NUMBER: US/10/146,793
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-146-793-272
```

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Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||||
Db 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||||

Qy 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
   |||||
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
   |||||

Qy 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||

Qy 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
   |||||
Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
   |||||

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
   |||||

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 334
US-10-147-480-272
; Sequence 272, Application US/10147480
; Publication No. US20030166085A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C369
; CURRENT APPLICATION NUMBER: US/10/147,480
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-147-480-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||||
Db 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||||
```

61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDEQYACHLGQCNQ 120
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDEQYACHLGQCNQ 120
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHRNFLDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHRNFLDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHERAGPLPTKVNLAHSEI 323
301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 335

US-10-147-485-272
; Sequence 272, Application US/10147485
; Publication No. US2003016086A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C368
; CURRENT APPLICATION NUMBER: US/10/147,485
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-485-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDEQYACHLGQCNQ 120
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDEQYACHLGQCNQ 120
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHRNFLDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHRNFLDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHERAGPLPTKVNLAHSEI 323

Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHRNFLDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 336

US-10-147-486-272
; Sequence 272, Application US/10147486
; Publication No. US20030166087A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C365
; CURRENT APPLICATION NUMBER: US/10/147,486
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-486-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSLLWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDEQYACHLGQCNQ 120
61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDEQYACHLGQCNQ 120
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHRNFLDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHRNFLDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 337

US-10-147-487-272

; Sequence 272, Application US/10147487

; Publication No. US20030166088A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C341

; CURRENT APPLICATION NUMBER: US/10/147,487

; CURRENT FILING DATE: 2002-05-17

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-487-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120

Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 338

US-10-147-490-272

; Sequence 272, Application US/10147490

; Publication No. US20030166089A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C351

; CURRENT APPLICATION NUMBER: US/10/147,490

; CURRENT FILING DATE: 2002-05-17

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-490-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120

Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 339

US-10-147-494-272

; Sequence 272, Application US/10147494

; Publication No. US20030166090A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

US-10-147-514-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 342

US-10-147-524-272
; Sequence 272, Application US/10147524
; Publication No. US20030166093A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C336
; CURRENT APPLICATION NUMBER: US/10/147,524
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-147-524-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 343

US-10-152-379-272
; Sequence 272, Application US/10152379
; Publication No. US20030166094A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C390
; CURRENT APPLICATION NUMBER: US/10/152,379
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-152-379-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 344
US-10-152-394-272
Sequence 272, Application US/10152394
Publication No. US20030166095A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C398
CURRENT APPLICATION NUMBER: US/10/152,394
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-152-394-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
b 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 345
US-10-152-406-272
Sequence 272, Application US/10152406
Publication No. US20030166096A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C381
CURRENT APPLICATION NUMBER: US/10/152,406
CURRENT FILING DATE: 2002-05-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-406-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
RESULT 346
US-10-156-847-272
Sequence 272, Application US/10156847
Publication No. US20030166098A1
GENERAL INFORMATION:

QY	1	MAAPKGS LWVRTQLGLPPLILLTMAIACGGSGTASAEAFDSVLGDTASCHRACOLTYPI ^{LH} T	60
DB	1	MAAPKGS LWVRTQLGLPPLILLTMAIACGGSGTASAEAFDSVLGDTASCHRACOLTYPI ^{LH} T	60

61	YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ	120
QY	LPFAELRQEQMLSLMPKXHLPLPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180
DB	LPFAELRQEQMLSLMPKXHLPLPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180
QY	QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMRNSQAHRNLELDGESDGFRLCISLSNGW	240
DB	QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMRNSQAHRNLELDGESDGFRLCISLSNGW	240
QY	ILTTTLVLVSMVLLWICCATVATAVEQYVPSEKLSIYGDLFFMNEQKLNRYPASSLNVVR	300
DB	ILTTTLVLVSMVLLWICCATVATAVEQYVPSEKLSIYGDLFFMNEQKLNRYPASSLNVVR	300
QY	SKTEDHEEAGPLPTKVNLHSEI	323
DB	SKTEDHEEAGPLPTKVNLHSEI	323

APPLICANT:	Filvaroff, Ellen
APPLICANT:	Gao, Wei-Qiang
APPLICANT:	Gerritsen, Mary E.
APPLICANT:	Goddard, Audrey
APPLICANT:	Godowski, Paul J.
APPLICANT:	Gurney, Austin L.
APPLICANT:	Sherwood, Steven
APPLICANT:	Smith, Victoria
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Tumas, Daniel
APPLICANT:	Watanabe, Colin K
APPLICANT:	Wood, William
APPLICANT:	Zhang, Zemin
TITLE OF INVENTION:	SECRETED ACIDS
TITLE OF INVENTION:	ACIDS ENCO

APPLICANT: Tamas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C426
CURRENT APPLICATION NUMBER: US/10/157,799
CURRENT FILING DATE: 2002-05-29
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-157-799-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

y 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||
b 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||

y 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||||
b 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||||

y 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLFRLCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLFRLCLSLNSGW 240
|||||

y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
|||||
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
|||||

y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 349

IS-10-160-504-272

Sequence 272, Application US/i0160504

Publication No. US20030166102A1

GENERAL INFORMATION:

- APPLICANT: Baker, Kevin P.
- APPLICANT: Beresini, Maureen
- APPLICANT: DeForge, Laura
- APPLICANT: Desnoyers, Luc
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Gurney, Austin L.
- APPLICANT: Sherwood, Steven
- APPLICANT: Smith, Victoria
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tamas, Daniel
- APPLICANT: Watanabe, Colin K
- APPLICANT: Wood, William
- APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C454

CURRENT APPLICATION NUMBER: US/10/160,504

CURRENT FILING DATE: 2002-05-30

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

IS-10-160-504-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||

Qy 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||
Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||

Qy 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||||
Db 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|||||

Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLFRLCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLMQNRNSQAHNFLEDGESDGLFRLCLSLNSGW 240
|||||

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
|||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
|||||

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 350

US-10-017-191A-330

Sequence 330, Application US/10017191A

Publication No. US20030170254A1

GENERAL INFORMATION:

- APPLICANT: Ashkenazi, Avi
- APPLICANT: Baker Kevin P.
- APPLICANT: Botstein, David
- APPLICANT: Desnoyers, Luc
- APPLICANT: Eaton, Dan
- APPLICANT: Ferrara, Napoleon
- APPLICANT: Filvaroff, Ellen
- APPLICANT: Fong, Sherman
- APPLICANT: Gao, Wei-Qiang
- APPLICANT: Gerber, Hanspeter
- APPLICANT: Gerritsen, Mary E.
- APPLICANT: Goddard, Audrey
- APPLICANT: Godowski, Paul J.
- APPLICANT: Grimaldi, J. Christopher
- APPLICANT: Gurney, Austin L.
- APPLICANT: Hillan, Kenneth J
- APPLICANT: Kljavin, Ivar J.
- APPLICANT: Kuo, Sophia S.
- APPLICANT: Napier, Mary A.
- APPLICANT: Pan, James;
- APPLICANT: Paoni, Nicholas F.
- APPLICANT: Roy, Margaret Ann
- APPLICANT: Shelton, David L.
- APPLICANT: Stewart, Timothy A.
- APPLICANT: Tamas, Daniel
- APPLICANT: Williams, P. Mickey
- APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C62

CURRENT APPLICATION NUMBER: US/10/017,191A

CURRENT FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15

PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
Y 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDEHEAGPLPTKVNLAHSEI 323
b 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 351

S-10-145-634-272
Sequence 272, Application US/10145634
Publication No. US20030170788A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C285
CURRENT APPLICATION NUMBER: US/10/145,634
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272

LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-634-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 352

US-10-147-520-272
Sequence 272, Application US/10147520
Publication No. US20030170789A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C339
CURRENT APPLICATION NUMBER: US/10/147,520
CURRENT FILING DATE: 2002-05-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-520-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGS LWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFFYLQADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 353

US-10-157-781-272
; Sequence 272, Application US/10157781
; Publication No. US20030170790A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C430
; CURRENT APPLICATION NUMBER: US/10/157,781
; CURRENT FILING DATE: 2002-05-29
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-157-781-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGS LWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFFYLQADDGKIVIF 180

DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 354

US-10-176-989-272
; Sequence 272, Application US/10176989
; Publication No. US20030170803A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C384
; CURRENT APPLICATION NUMBER: US/10/176,989
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-989-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGS LWVRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFFYLQADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSDDMDSAQSFITSSWTFFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 355

S-10-147-491-272
Sequence 272, Application US/10147491
Publication No. US20030175865A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C354
CURRENT APPLICATION NUMBER: US/10/147,491
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-147-491-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
y 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLAQDDGKIVIP 180
b 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLAQDDGKIVIP 180
y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 356

S-10-152-378-272

; Sequence 272, Application US/10152378
; Publication No. US20030175866A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C411
; CURRENT APPLICATION NUMBER: US/10/152,378
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-378-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLAQDDGKIVIP 180
Db 121 LPFAELRQEQSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLAQDDGKIVIP 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 357

US-10-152-382-272
Sequence 272, Application US/10152382
Publication No. US20030175867A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C399
CURRENT APPLICATION NUMBER: US/10/152,382
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-382-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 358
US-10-152-383-272
Sequence 272, Application US/10152383
Publication No. US20030175868A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C399
CURRENT APPLICATION NUMBER: US/10/152,382
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C408
CURRENT APPLICATION NUMBER: US/10/152,383
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-383-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLNWCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 359
US-10-152-384-272
Sequence 272, Application US/10152384
Publication No. US20030175869A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C395
CURRENT APPLICATION NUMBER: US/10/152,384
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
IS-10-152-384-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|

Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|

Y 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|
b 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|

Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|
b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300
|
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300
|

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|

RESULT 360
S-10-152-387-272
Sequence 272, Application US/10152387
Publication No. US20030175870A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C393
CURRENT APPLICATION NUMBER: US/10/152,387
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-152-387-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|

QY 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|
Db 121 LPFAELRQEQSLMPLKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
|

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300
|
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300
|

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|

RESULT 361
US-10-152-389-272
Sequence 272, Application US/10152389
Publication No. US20030175871A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C392
CURRENT APPLICATION NUMBER: US/10/152,389
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-389-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
|

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 362
US-10-252-390-272
; Sequence 272, Application US/10152390
; Publication No. US20030175872A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C387
; CURRENT APPLICATION NUMBER: US/10/152,390
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-390-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKSEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKSEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 363
US-10-152-392-272
; Sequence 272, Application US/10152392
; Publication No. US20030175873A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C391
; CURRENT APPLICATION NUMBER: US/10/152,392
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-392-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKSEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKSEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCCNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 364

US-10-153-756-272
Sequence 272, Application US/10153756
Publication No. US20030175875A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C415

CURRENT APPLICATION NUMBER: US/10/153,756

CURRENT FILING DATE: 2002-05-22

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-153-756-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
|||||
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 365

US-10-157-784-272

Sequence 272, Application US/10157784

Publication No. US20030175878A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C438

CURRENT APPLICATION NUMBER: US/10/157,784

CURRENT FILING DATE: 2002-05-29

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-157-784-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
|||||
61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 366

US-10-157-797-272

Sequence 272, Application US/10157797

Publication No. US20030175879A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

RESULT 367

US-10-158-491-272

; Sequence 272, Application US/10158491

; Publication No. US20030175880A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin E.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRA

; TITLE OF INVENTION: ACIDS ENCODING

; FILE REFERENCE: P3330R1C441

; CURRENT APPLICATION NUMBER: US/10/15

; CURRENT FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: 60/049911

PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741

PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 19/98-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090538
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
DB 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSEFWSMDMSAQSPTTSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSEFWSMDMSAQSPTTSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHRNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOMNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323
DB 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 368
US-10-143-028A-330
; Sequence 330, Application US/10143028A
; Publication No. US20030180310A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C37
CURRENT APPLICATION NUMBER: US/10/143,028A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-143-028A-330
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGLWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGLWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFTYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFTYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTLRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTLRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVAFVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVAFVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 369
US-10-143-029A-330
Sequence 330, Application US/10143029A
Publication No. US20030180311A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C54
CURRENT APPLICATION NUMBER: US/10/143,029A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLYPLHT 60
Db 1 MAAPKGSILWVTRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACQLYPLHT 60
QY 61 YPKREELIACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDSQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFTTSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFTTSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 370

US-10-142-762-272
; Sequence 272, Application US/10142762
; Publication No. US20030180864A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C213
; CURRENT APPLICATION NUMBER: US/10/142,762
; CURRENT FILING DATE: 2002-05-09
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-762-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDSQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDSQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFTTSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFTTSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 371
US-10-142-764-272
; Sequence 272, Application US/10142764
; Publication No. US20030180865A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C250
; CURRENT APPLICATION NUMBER: US/10/142,764
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-764-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDSQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDSQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFTTSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFTTSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 372
JS-10-142-766-272
; Sequence 272, Application US/10142766
; Publication No. US20030180866A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C242
; CURRENT APPLICATION NUMBER: US/10/142,766
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; S-10-142-766-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; 1 MAAPKGSWVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
; 1 MAAPKGSWVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
; 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
; 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
; 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
; 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
; 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLMQNRNSQAHNRNPLEDGEDSGFLRCLSLNSGW 240
; 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLMQNRNSQAHNRNPLEDGEDSGFLRCLSLNSGW 240
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323
; RESULT 373
; S-10-145-089A-330
; Sequence 330, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC31
; CURRENT APPLICATION NUMBER: US/10/145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-089A-330
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; 1 MAAPKGSWVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
; 1 MAAPKGSWVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
; 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
; 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
; 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
; 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 374
US-10-145-625-272
; Sequence 272, Application US/10145625
; Publication No. US20030180868A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C266
; CURRENT APPLICATION NUMBER: US/10/145,625
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-625-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLLWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLLWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 375
US-10-145-627-272
; Sequence 272, Application US/10145627
; Publication No. US20030180869A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C303
; CURRENT APPLICATION NUMBER: US/10/145,627
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-627-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLLWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLLWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 376
US-10-145-960-272
; Sequence 272, Application US/10145960
; Publication No. US20030180870A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C267
CURRENT APPLICATION NUMBER: US/10/145,960
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-960-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGSLSVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
2y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
2b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
2y 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
2b 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
2b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 377
US-10-145-962-272
Sequence 272, Application US/10145962
Publication No. US20030180871A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C268
CURRENT APPLICATION NUMBER: US/10/145,962
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-962-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSVWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQ 120
Qy 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 378
US-10-146-789-272
Sequence 272, Application US/10146789
Publication No. US20030180872A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

```
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C314
; CURRENT APPLICATION NUMBER: US/10/146,789
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-789-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323
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RESULT 379
US-10-147-483-272
; Sequence 272, Application US/10147483
; Publication No. US20030180873A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C362
; CURRENT APPLICATION NUMBER: US/10/147,483
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-483-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323
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```
; ORGANISM: Homo Sapien
US-10-147-483-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323
```

```
RESULT 380
US-10-147-496-272
; Sequence 272, Application US/10147496
; Publication No. US20030180874A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C357
; CURRENT APPLICATION NUMBER: US/10/147,496
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-496-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323
```

```
US-10-147-496-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323
```

b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 381
US-10-147-505-272
Sequence 272, Application US/10147505
Publication No. US20030180875A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C340
CURRENT APPLICATION NUMBER: US/10/147,505
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-505-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 382
US-10-147-516-272
Sequence 272, Application US/10147516
Publication No. US20030180876A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C358
CURRENT APPLICATION NUMBER: US/10/147,516
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-516-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESECTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 383

US-10-152-398-272

; Sequence 272, Application US/10152398
; Publication No. US20030180878A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C403

; CURRENT APPLICATION NUMBER: US/10/152,398

; CURRENT FILING DATE: 2002-05-21

; Prior Application removed - See file Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-152-398-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGQCNQ 120
Db 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 384

US-10-139-980-272

; Sequence 272, Application US/10139980

; Publication No. US20030180923A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C166

; CURRENT APPLICATION NUMBER: US/10/139,980

; CURRENT FILING DATE: 2002-05-06

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-139-980-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGQCNQ 120
Db 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 385

US-10-165-067A-330

; Sequence 330, Application US/10165067A

; Publication No. US20030185841A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Hillan, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C42
CURRENT APPLICATION NUMBER: US/10/165,067A
PRIOR FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 524
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-165-067A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGLWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEELYACQRCLEFISICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHGCONQ 120
61 YPKEELYACQRCLEFISICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHGCONQ 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKYNLAHSEI 323

RESULT 386
US-10-145-017A-330
; Sequence 330, Application US/10145017A
; Publication No. US20030186365A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C32
; CURRENT APPLICATION NUMBER: US/10/145,017A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 524
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-017A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||
Db 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||

QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120
|||
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPTSSWTFYLOADDCKIVIF 180
|||
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPTSSWTFYLOADDCKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
|||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 387
US-10-145-750-272
; Sequence 272, Application US/10145750
; Publication No. US20030186366A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C275
; CURRENT APPLICATION NUMBER: US/10/145,750
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-750-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||
Db 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||

QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120
|||

Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPTSSWTFYLOADDCKIVIF 180
|||

Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPTSSWTFYLOADDCKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
|||

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
|||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 388
US-10-152-373-272
; Sequence 272, Application US/10152373
; Publication No. US20030186367A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C377
; CURRENT APPLICATION NUMBER: US/10/152,373
; CURRENT FILING DATE: 2002-05-20
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-373-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||

Db 1 MAAPKGSWVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||

QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120
|||

Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPTSSWTFYLOADDCKIVIF 180
|||

Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPTSSWTFYLOADDCKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240
|||

b 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLMQNRNSQAHNFLEGGESDGLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
y 301 SKTEDHEEACPLPTKVNLAHSEI 323
b 301 SKTEDHEEACPLPTKVNLAHSEI 323

RESULT 389
US-10-164-728A-330
Sequence 330, Application US/10164728A
Publication No. US20030186368A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC43
CURRENT APPLICATION NUMBER: US/10/164,728A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT

; ORGANISM: Homo sapiens
US-10-164-728A-330
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELIYACQRCRLFSICQFVDDGIDLNRITKLBESACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKHEELIYACQRCRLFSICQFVDDGIDLNRITKLBESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLMQNRNSQAHNFLEGGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLMQNRNSQAHNFLEGGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
QY 301 SKTEDHEEACPLPTKVNLAHSEI 323
DB 301 SKTEDHEEACPLPTKVNLAHSEI 323
RESULT 390
US-10-223-081-8
; Sequence 8, Application US/10223081
; Publication No. US20030186866A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe P.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235P1C7
; CURRENT APPLICATION NUMBER: US/10/223,081
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C41
CURRENT APPLICATION NUMBER: US/10/165,247A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
IS-10-165-247A-330
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2y 1 MAAPKGSLSWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
2b 1 MAAPKGSLSWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
2y 61 YPKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTRAYSQSDEQYACHLGQONQ 120
2b 61 YPKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTRAYSQSDEQYACHLGQONQ 120
2y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFFYLQADDGKIVIF 180
2b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFFYLQADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLQMNESQAHRNFLFDEGSDGFLRCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLQMNESQAHRNFLFDEGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 393
US-10-145-124A-330
; Sequence 330, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Feirara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C44
; CURRENT APPLICATION NUMBER: US/10/145,124A
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-145-124A-330

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Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
   |||||||
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
   |||||||
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||||
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
   |||||||
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
   |||||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
```

```
RESULT 394
US-10-160-502A-330
; Sequence 330, Application US/10160502A
; Publication No. US20030190703A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
```

```
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-160-502A-330
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Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
   |||||||
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120
   |||||||
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
   |||||||
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240
   |||||||
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
   |||||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
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```
RESULT 395
US-10-121-044-272
; Sequence 272, Application US/10121044
; Publication No. US20030190717A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnovers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
```

APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C5
 CURRENT APPLICATION NUMBER: US/10/121,044
 CURRENT FILING DATE: 2002-04-11
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 272
 LENGTH: 323
 TYPE: PRT
 ORGANISM: Homo Sapien
 5-10-121-044-272

```

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

      1  MAAPKGSWVRTQLGLPPIIIITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
      |||||||
      1  MAAPKGSWVRTQLGLPPIIIITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

      61  YPKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNO 120
      |||||||
      61  YPKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNO 120

      121  LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
      |||||||
      121  LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

      181  QSKPEIQYAPHLEQEPTNLRRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
      |||||||
      181  QSKPEIQYAPHLEQEPTNLRRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

      241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFFMNEQKLNRYPASSLVVVR 300
      |||||||
      241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFFMNEQKLNRYPASSLVVVR 300

      301  SKTEDHEEAGPLPTKVNLAHSEI 323
      |||||||
      301  SKTEDHEEAGPLPTKVNLAHSEI 323

```

RESULT 396
 S-10-121-055-272
 Sequence 272, Application US/10121055
 Publication No. US20030190718A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P3330R1C18
 CURRENT APPLICATION NUMBER: US/10/121,055
 CURRENT FILING DATE: 2002-04-12
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 272

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; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-055-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY      1  MAAPKGS LWRTQLGLPPI LLLTMA LAGSGTASAEAFDSVLGDTASCHRA COLTYPLHT 60
        |||||
Db      1  MAAPKGS LWRTQLGLPPI LLLTMA LAGSGTASAEAFDSVLGDTASCHRA COLTYPLHT 60

QY     61  YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
        |||||
Db     61  YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY    121  LPFAELRQEQ LMSLMPKRMELLPLTLVRSEFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180
        |||||
Db    121  LPFAELRQEQ LMSLMPKRMELLPLTLVRSEFWSMDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY    181  QSKPEIQYAPHLEQEP TNLRESSLSKMSYLQMRNSQAHRNFLEDGESDGFLRCLSLNSGW 240
        |||||
Db    181  QSKPEIQYAPHLEQEP TNLRESSLSKMSYLQMRNSQAHRNFLEDGESDGFLRCLSLNSGW 240

QY    241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDL EFMNEQKLNRYPASSLVVVR 300
        |||||
Db    241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDL EFMNEQKLNRYPASSLVVVR 300

QY    301  SKTEDHBEAGPLPTKVNLAHSEI 323
        |||||
Db    301  SKTEDHBEAGPLPTKVNLAHSEI 323

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RESULT 397

US-10-121-057-272

Sequence 272, Application US/10121057

Publication No. US20030190719A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C13

CURRENT APPLICATION NUMBER: US/10/121,057

CURRENT FILING DATE: 2002-04-12

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-121-057-272

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative	0;	Mismatches 0;	Indels 0;
Gaps	0;			

QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 398
US-10-121-058-272
; Sequence 272, Application US/10121058
; Publication No. US20030190720A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C12
; CURRENT APPLICATION NUMBER: US/10/121,058
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-058-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 399
US-10-121-059-272
; Sequence 272, Application US/10121059
; Publication No. US20030190721A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C10
; CURRENT APPLICATION NUMBER: US/10/121,059
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-059-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

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; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 400
US-10-121-060-272
; Sequence 272, Application US/10121060
; Publication No. US20030190722A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RJC21
; CURRENT APPLICATION NUMBER: US/10/121,060
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-060-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; 1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGQNQ 120
; 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGQNQ 120
; 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
; 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
; 181 QSKPEIQYAPHLEQBEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
; 181 QSKPEIQYAPHLEQBEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 401
US-10-123-109-272
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; Sequence 272, Application US/10123109
; Publication No. US20030190723A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RJC34
; CURRENT APPLICATION NUMBER: US/10/123,109
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-109-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; 1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
; 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGQNQ 120
; 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEACTEAYSQSDEQYACHLGQNQ 120
; 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
; 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
; 181 QSKPEIQYAPHLEQBEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
; 181 QSKPEIQYAPHLEQBEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
; 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323
; 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 402
US-10-123-154-272
; Sequence 272, Application US/10123154
; Publication No. US20030190724A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
```

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C39
; CURRENT APPLICATION NUMBER: US/10/123,154
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-154-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACORGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACORGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 403
US-10-123-157-272
; Sequence 272, Application US/10123157
; Publication No. US20030190725A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C53
; CURRENT APPLICATION NUMBER: US/10/123,906
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
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; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C29
; CURRENT APPLICATION NUMBER: US/10/123,157
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-157-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACORGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACORGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 404
US-10-123-906-272
; Sequence 272, Application US/10123906
; Publication No. US20030190726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C53
; CURRENT APPLICATION NUMBER: US/10/123,906
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
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LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-123-906-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCCNQ 120
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCCNQ 120
Y 121 LPFAELRQEQQLMSLMPQMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
b 121 LPFAELRQEQQLMSLMPQMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
Y 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 405
US-10-124-814-272
Sequence 272, Application US/10124814
Publication No. US20030190727A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C63
CURRENT APPLICATION NUMBER: US/10/124,814
CURRENT FILING DATE: 2002-04-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-124-814-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCCNQ 120
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCCNQ 120
Y 121 LPFAELRQEQQLMSLMPQMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
b 121 LPFAELRQEQQLMSLMPQMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180
Y 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 406
US-10-124-816-272
Sequence 272, Application US/10124816
Publication No. US20030190728A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C66
CURRENT APPLICATION NUMBER: US/10/124,816
CURRENT FILING DATE: 2002-04-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-124-816-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCCNQ 120
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCCNQ 120
Y 121 LPFAELRQEQQLMSLMPQMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 407
US-10-124-820-272
; Sequence 272, Application US/10124820
; Publication No. US20030190729A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/124,820
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-820-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 408
US-10-125-704-272
; Sequence 272, Application US/10125704
; Publication No. US20030190730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C58
; CURRENT APPLICATION NUMBER: US/10/125,704
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-125-704-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGS LWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 409
US-10-125-927-272

Sequence 272, Application US/10125927
Publication No. US20030190731A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C74

CURRENT APPLICATION NUMBER: US/10/125,927

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-125-927-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
b 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Y 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCONQ 120
b 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCONQ 120
Y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 410
S-10-223-082-8

Sequence 8, Application US/10223082

Publication No. US20030191059A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Ferrara, Napoleone
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Williams, P. Mickey
APPLICANT: Ye, Weilan

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS

FILE REFERENCE: P3235P1C3

CURRENT APPLICATION NUMBER: US/10/223,082

Prior Application removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 383

SEQ ID NO 8

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-10-223-082-8

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKEELYACQRCGLFSLICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 411

US-10-145-087A-330

```

; Sequence 330, Application US/10145087A
; Publication No. US20030194410A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Trans
; FILE REFERENCE: P2630P1C47
; CURRENT APPLICATION NUMBER: US/10/145
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data remo
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-087A-330

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Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323: Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY	I	M A A P K G S I W R T O L G L P P L L L L T M A L A G S G T A S A E A F D S V I G D T A S C H R A C Q L T Y P L H T	60
DQ	I	M A A P K G S I W R T O L G L P P L L L L T M A L A G S G T A S A E A F D S V I G D T A S C H R A C Q L T Y P L H T	60

db 1 MAAPKGSLSWVRTOLGLPPLLTLTALAGSGTASABAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLCQNQ 120

D b	61	YPKEELYACQRCGRCLFSTICQFVDDGIDENRRTKLECESACTEAYSQSDEQYACHLGCCNQ	120
Q y	121	LPFAELRQEQLMSLMPKMHLLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF	180
D b	121	LPFAELRQEQLMSLMPKMHLLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF	180
Q y	181	QSKPEIQYAPHLEQEPITNLRESSLSKMSYLOWRNSQAHNPFLEDGESDGFRLCLSLNSGW	240
D b	181	QSKPEIQYAPHLEQEPITNLRESSLSKMSYLOWRNSQAHNPFLEDGESDGFRLCLSLNSGW	240
Q y	241	ILTTTIVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEQKLNRYPASSLVVVVR	300
D b	241	ILTTTIVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEQKLNRYPASSLVVVVR	300
Q y	301	SKTEDHBEAGPLPTKVNLAHSEI	323
D b	301	SKTEDHBEAGPLPTKVNLAHSEI	323

RESULT 412

```

US-10-017-086A-330
; Sequence 330, Application US/10017086A
; Publication No. US20030194744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Trans
; TITLE OF INVENTION: Acids Encoding t
; FILE REFERENCE: P2630P1C64
; CURRENT APPLICATION NUMBER: US/10/017
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-086A-330

```

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. NO. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSIMVTRTQGLPPLILITWALAGSGGTASARAFDSVLGDTASCHRAQLTYPLHT 60

4

CV 61 YPKHEELYACORGRLFSICOFVDDGIDLNRTKLECSACTEAYSQSDEQVACHLGCNQ 120

b 61 YPKKEELYACQRCRLFSICQFVDDGIDLRNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 413
S-10-142-889-272
Sequence 272, Application US/10142889
Publication No. US20030194765A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C234
CURRENT APPLICATION NUMBER: US/10/142,889
CURRENT FILING DATE: 2002-05-09
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-142-889-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
b 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
y 61 YPKKEELYACQRCRLFSICQFVDDGIDLRNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLRNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 414
US-10-145-874-272
Sequence 272, Application US/10145874
Publication No. US20030194766A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C282
CURRENT APPLICATION NUMBER: US/10/145,874
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-874-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLRNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLRNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
Qy 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 415
US-10-147-497-272
; Sequence 272, Application US/10147497
; Publication No. US20030194767A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C338
; CURRENT APPLICATION NUMBER: US/10/147,497
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
JS-10-147-497-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDQYACHLGCQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 416
US-10-152-374-272
; Sequence 272, Application US/10152371
; Publication No. US20030194768A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C338
; CURRENT APPLICATION NUMBER: US/10/147,497
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
JS-10-147-497-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDQYACHLGCQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C406
CURRENT APPLICATION NUMBER: US/10/152,371
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-371-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDQYACHLGCQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 417
US-10-152-374-272
; Sequence 272, Application US/10152374
; Publication No. US20030194769A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven

APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C386
CURRENT APPLICATION NUMBER: US/10/152,374
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-152-374-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

NY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
|||
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
|||
NY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
|||
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
|||
Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||
b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||
Y 181 OSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
b 181 OSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 418

US-10-152-375-272
Sequence 272, Application US/10152375
Publication No. US20030194770A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C404

; CURRENT APPLICATION NUMBER: US/10/152,375
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-375-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
|||
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
|||
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
|||
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120
|||
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||
QY 181 OSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
Db 181 OSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 419

US-10-152-377-272
; Sequence 272, Application US/10152377
; Publication No. US20030194771A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C388

CURRENT APPLICATION NUMBER: US/10/152,377
CURRENT FILING DATE: 2002-05-21

Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-377-272

b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNRNPLEDGEDSGFLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHBEAGPLPTKVNLAHSEI 323
b 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 422

US-10-152-399-272
Sequence 272, Application US/10152399
Publication No. US20030194774A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C410
CURRENT APPLICATION NUMBER: US/10/152,399
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-399-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSIMVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSIMVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNRNPLEDGEDSGFLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNRNPLEDGEDSGFLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHBEAGPLPTKVNLAHSEI 323
b 301 SKTEDHBEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 423

US-10-156-848-272
Sequence 272, Application US/10156848
Publication No. US20030194775A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C421
CURRENT APPLICATION NUMBER: US/10/156,848
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-156-848-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSIMVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSIMVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECESECTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNRNPLEDGEDSGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLMQNRNSQAHNRNPLEDGEDSGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHBEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHBEAGPLPTKVNLAHSEI 323

RESULT 424

US-10-157-785-272
Sequence 272, Application US/10157785
Publication No. US20030194775A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen

; APPLICANT: DeForge,Laura
; APPLICANT: Desnoyers,Luc
; APPLICANT: Filvaroff,Ellen
; APPLICANT: Gao,Wei-Qiang
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC428
; CURRENT APPLICATION NUMBER: US/10/157,785
; CURRENT FILING DATE: 2002-05-29
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-157-785-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS�WVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||
Db 1 MAAPKGS�WVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
|||
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||

QY 241 ILTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 425
US-10-157-794-272
; Sequence 272, Application US/10157794
; Publication No. US20030194777A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC437
; CURRENT APPLICATION NUMBER: US/10/157,796

; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC434
; CURRENT APPLICATION NUMBER: US/10/157,794
; CURRENT FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-157-794-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS�WVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||
Db 1 MAAPKGS�WVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ 120
|||
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDINRTKLECESACTEAYSQSDEQYACHLGCONQ 120
|||

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
|||
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
|||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||

QY 241 ILTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||
Db 241 ILTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||

RESULT 426
US-10-157-796-272
; Sequence 272, Application US/10157796
; Publication No. US20030194778A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC437
; CURRENT APPLICATION NUMBER: US/10/157,796

CURRENT FILING DATE: 2002-05-29
Prior Application remove - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-157-796-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCNQ 120
|||||
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCNQ 120
|||||
y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
y 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 427

S-10-160-500-272
Sequence 272, Application US/10160500
Publication No. US20030194779A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C453
CURRENT APPLICATION NUMBER: US/10/160,500
CURRENT FILING DATE: 2002-05-30
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-160-500-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
Db 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCNQ 120
|||||
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECEESACTEAYSQSDEQYACHLGCNQ 120
|||||
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
|||||
Qy 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
Db 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 428

US-10-164-829A-330
Sequence 330, Application US/10164829A
Publication No. US20030194780A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2630P1C28
CURRENT APPLICATION NUMBER: US/10/164,829A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13

Publication No. US20030194791A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C2

CURRENT APPLICATION NUMBER: US/10/121,046

CURRENT FILING DATE: 2002-04-11

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-121-046-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKSLWVRLQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKSLWVRLQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
y 61 YPKREELYACQRCRFLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||
b 61 YPKREELYACQRCRFLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||
y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180
|||||
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180
|||||
y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNPFLEDGESDGLRCLSLNSGW 240
|||||
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFMNEQKLNRYPASSLVVVR 300
|||||
y 301 SKTEDHEAGPLPTKVNLAHSEI 323
|||||
b 301 SKTEDHEAGPLPTKVNLAHSEI 323
|||||

RESULT 431

S-10-123-156-272

Sequence 272, Application US/10123156

Publication No. US20030194792A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C43
CURRENT APPLICATION NUMBER: US/10/123,156
CURRENT FILING DATE: 2002-04-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAAPKGSIMVTRTOLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTPLHT	60
Db	1	MAAPKGSIMVTRTOLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQLTPLHT	60
Qy	61	YPKEEELACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ	120
Db	61	YPKEEELACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ	120
Qy	121	LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF	180
Db	121	LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF	180
Qy	181	QSKPEIQYAPHLEOEPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW	240
Db	181	QSKPEIQYAPHLEOEPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW	240
Qy	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVR	300
Db	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVR	300
Qy	301	SKTEDEHEAGPLPTKVNLAHSEI	323
Db	301	SKTEDEHEAGPLPTKVNLAHSEI	323

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 433

US-10-125-805-272
; Sequence 272, Application US/10125805
; Publication No. US20030194794A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C59
; CURRENT APPLICATION NUMBER: US/10/125,805
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-125-805-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 432

S-10-123-214-272
Sequence 272, Application US/10123214
Publication No. US20030194793A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C40
CURRENT APPLICATION NUMBER: US/10/123,214
CURRENT FILING DATE: 2002-04-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
S-10-123-214-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

ZY 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
ZY 61 YPKEEELYACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
ZY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGGKIVIF 180
ZY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

Db 301 SKTDEHREAGPLPTKVNLHSEI 323

RESULT 434

US-10-013-922A-330

; Sequence 330, Application US/10013922A

; Publication No. US20030195345A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C81

; CURRENT APPLICATION NUMBER: US/10/013,922A

; CURRENT FILING DATE: 2001-10-25

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077641

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077649

; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791

; PRIOR FILING DATE: 1998-03-12

; PRIOR APPLICATION NUMBER: 60/078004

; PRIOR FILING DATE: 1998-03-13

; PRIOR APPLICATION NUMBER: 60/078886

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078936

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078939

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079664

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079689

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079663

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079786

; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/079920

; PRIOR FILING DATE: 1998-03-30

; PRIOR APPLICATION NUMBER: 60/079923

; PRIOR FILING DATE: 1998-03-30

; PRIOR APPLICATION NUMBER: 60/080105

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080107

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080165

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080194

; PRIOR FILING DATE: 1998-03-31

; PRIOR APPLICATION NUMBER: 60/080327

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080328

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080333

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/080334

; PRIOR FILING DATE: 1998-04-01

; PRIOR APPLICATION NUMBER: 60/081070

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081049

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081071

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081195

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081229

; PRIOR FILING DATE: 1998-04-09

; PRIOR APPLICATION NUMBER: 60/081955

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081817

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081819

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081952

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/081838

; PRIOR FILING DATE: 1998-04-15

; PRIOR APPLICATION NUMBER: 60/082568

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082569

; PRIOR FILING DATE: 1998-04-21

; PRIOR APPLICATION NUMBER: 60/082704

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082804

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082700

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082797

; PRIOR FILING DATE: 1998-04-22

; PRIOR APPLICATION NUMBER: 60/082796

; PRIOR FILING DATE: 1998-04-23

; PRIOR APPLICATION NUMBER: 60/083336

; PRIOR FILING DATE: 1998-04-27

; PRIOR APPLICATION NUMBER: 60/083322

; PRIOR FILING DATE: 1998-04-28

; PRIOR APPLICATION NUMBER: 60/083392

; PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSIMVTRQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQTYPLHT 60
b 1 MAAPKGSIMVTRQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQTYPLHT 60
y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACEAYSQSDEQYACHGCGNQ 120
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACEAYSQSDEQYACHGCGNQ 120
y 121 LPFAELRQEQSLMPLMKHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQSLMPLMKHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 435
US-10-020-445A-330
; Sequence 330, Application US/10020445A
; Publication No. US20030198994A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C74
; CURRENT APPLICATION NUMBER: US/10/020,445A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12

;	PRIOR FILING DATE: 1998-04-22	
;	PRIOR APPLICATION NUMBER: 60/082700	
;	PRIOR FILING DATE: 1998-04-22	
;	PRIOR APPLICATION NUMBER: 60/082700	
;	PRIOR FILING DATE: 1998-04-22	
;	PRIOR APPLICATION NUMBER: 60/082796	
;	PRIOR FILING DATE: 1998-04-23	
;	PRIOR APPLICATION NUMBER: 60/083336	
;	PRIOR FILING DATE: 1998-04-27	
;	PRIOR APPLICATION NUMBER: 60/083332	
;	PRIOR FILING DATE: 1998-04-28	
;	PRIOR APPLICATION NUMBER: 60/083392	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083495	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083496	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083499	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083545	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083554	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083558	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083559	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083500	
;	PRIOR FILING DATE: 1998-04-29	
;	PRIOR APPLICATION NUMBER: 60/083742	
;	PRIOR FILING DATE: 1998-04-30	
;	PRIOR APPLICATION NUMBER: 60/084366	
;	PRIOR FILING DATE: 1998-05-05	
;	PRIOR APPLICATION NUMBER: 60/084414	
;	PRIOR FILING DATE: 1998-05-06	
;	PRIOR APPLICATION NUMBER: 60/084441	
;	PRIOR FILING DATE: 1998-05-06	
;	PRIOR APPLICATION NUMBER: 60/084637	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084639	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084640	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084598	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084600	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084627	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/084643	
;	PRIOR FILING DATE: 1998-05-07	
;	PRIOR APPLICATION NUMBER: 60/085339	
;	PRIOR FILING DATE: 1998-05-13	
;	PRIOR APPLICATION NUMBER: 60/085338	
;	PRIOR FILING DATE: 1998-05-13	
;	PRIOR APPLICATION NUMBER: 60/085323	
;	PRIOR FILING DATE: 1998-05-13	
;	PRIOR APPLICATION NUMBER: 60/085582	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085700	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085689	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085579	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085580	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085573	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085704	
;	PRIOR FILING DATE: 1998-05-15	
;	PRIOR APPLICATION NUMBER: 60/085697	

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. NO. 1.4e-172;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
y	1	MAAPKGLWVRTQIGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60
b	1	MAAPKGLWVRTQIGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60
y	61	YPKEELYACQGCGLFSCIQFVDDGIDLNRTKLECSACTRAYSQSDQYACHL	GCQNG	120
b	61	YPKEELYACQGCGLFSCIQFVDDGIDLNRTKLECSACTRAYSQSDQYACHL	GCQNG	120
y	121	LPFAELROEQMLMPPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLQAD	DKIVIF	180
b	121	LPFAELROEQMLMPPKMHLLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLQAD	DKIVIF	180
y	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLC	LSNSGW	240
b	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLC	LSNSGW	240
y	241	ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLN	RYPASSLWVR	300
b	241	ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFFMNEQKLN	RYPASSLWVR	300
y	301	SKTEDHEEAGPLPTKYNLAHSEI		323
b	301	SKTEDHEEAGPLPTKYNLAHSEI		323

RESULT 436
 S-10-013-924A-330
 Sequence 330, Application US/10013924A
 Publication No. US20030199021A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James;
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P26301C76
 CURRENT APPLICATION NUMBER: US/10/013, 924A
 CURRENT FILING DATE: 2002-12-10
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311

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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-924A-330

Query Match          100.0%; Score 1694; DB 14; Length 323;
Best local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAAPKGSLSWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db      1  MAAPKGSLSWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY     61  YPKEEELYACQRCGLRFLSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db     61  YPKEEELYACQRCGLRFLSICQFVDDGIDLNRITKLECESACTEAYSQSDEQYACHLGCCNQ 120

QY     121 LPPAELRQEQIQLMSLMPKMHLLPPLTLVRSFNSDMNDSAQSFITSSWTFYLOADDGKIVIF 180
Db     121 LPPAELRQEQIQLMSLMPKMHLLPPLTLVRSFNSDMNDSAQSFITSSWTFYLOADDGKIVIF 180

QY     181 QSKPEIOYAPHLEQEPNLRRESSLSKMSYLVQMRNSQAHRNPLEDGESDGLRCLSLNSGW 240
Db     181 QSKPEIOYAPHLEQEPNLRRESSLSKMSYLVQMRNSQAHRNPLEDGESDGLRCLSLNSGW 240

QY     241 ILTTTLVSLVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db     241 ILTTTLVSLVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY     301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db     301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 437
US-10-124-821-272
; Sequence 272, Application US/10124821
; Publication No. US20030199023A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Pilvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

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b 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 440
US-10-152-396-272
Sequence 272, Application US/10152396
Publication No. US20030199027A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C382
CURRENT FILING DATE: 2002-05-20
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-396-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

QY 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 441
US-10-153-552-272
Sequence 272, Application US/10153552
Publication No. US20030199028A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C417
CURRENT FILING DATE: 2002-05-22
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-153-552-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSWVRVTLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLNRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 442

US-10-153-840-272
; Sequence 272, Application US/10153840
; Publication No. US20030199029A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C414
; CURRENT APPLICATION NUMBER: US/10/153,840
; CURRENT FILING DATE: 2002-05-22
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-153-840-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 443

US-10-156-841-272
; Sequence 272, Application US/10156841
; Publication No. US20030199030A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C422
; CURRENT APPLICATION NUMBER: US/10/156,841
; CURRENT FILING DATE: 2002-05-28
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-156-841-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELIACQRCGLRFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 444

US-10-156-842-272

; Sequence 272, Application US/10156842

; Publication No. US20030199031A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

APPLICANT: Godowski,Paul J.
APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C419
CURRENT APPLICATION NUMBER: US/10/156,842
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-156-842-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Yy 61 YPKKEELYACQRCGLFSLCQFVDDGIDLNRKLECEESACTEAYSQSDQYACHLGCCNQ 120
Yb 61 YPKKEELYACQRCGLFSLCQFVDDGIDLNRKLECEESACTEAYSQSDQYACHLGCCNQ 120
Yy 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Yb 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Yy 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Yb 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Yy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Yb 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 445
US-10-156-844-272
Sequence 272, Application US/10156844
Publication No. US20030199032A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C420
CURRENT APPLICATION NUMBER: US/10/156,844
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-156-844-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Yy 61 YPKKEELYACQRCGLFSLCQFVDDGIDLNRKLECEESACTEAYSQSDQYACHLGCCNQ 120
Yb 61 YPKKEELYACQRCGLFSLCQFVDDGIDLNRKLECEESACTEAYSQSDQYACHLGCCNQ 120
Qy 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Yb 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Yb 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Yb 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Yb 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 446
US-10-156-845-272
Sequence 272, Application US/10156845
Publication No. US20030199033A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C418
CURRENT APPLICATION NUMBER: US/10/156,845
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-156-845-272

Query Match	100.0%;	Score 1694;	DB 14;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MAAPKGSWVRLTQLGPPPLLLLTALAGSGGTASAAEAFDSVLGDTASCHRAOQLTYPLHT	60	
Db	1	MAAPKGSWVRLTQLGPPPLLLLTALAGSGGTASAAEAFDSVLGDTASCHRAOQLTYPLHT	60	
Qy	61	YPKEELYACQRCGRIFSIQCFVDDGIDLNRKTLECSACTEAYSQSDEQYACHLGCONQ	120	
Db	61	YPKEELYACQRCGRIFSIQCFVDDGIDLNRKTLECSACTEAYSQSDEQYACHLGCONQ	120	
Qy	121	LPFAELRQEQLMSLMPKMHLFPPLTLVRSFWSMDMDSAQSFITSSWT FYLQADGGKIVIF	180	
Db	121	LPFAELRQEQLMSLMPKMHLFPPLTLVRSFWSMDMDSAQSFITSSWT FYLQADGGKIVIF	180	
Qy	181	QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGFRLCRLSLNSGW	240	
Db	181	QSKPEIQYAPHLEQEPTNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGFRLCRLSLNSGW	240	
Qy	241	ILTTTLVLSVMVLLWCATVATAVEQYVPSEKLSIYGDLTFMNEQKLNRYPASSLVVVR	300	
Db	241	ILTTTLVLSVMVLLWCATVATAVEQYVPSEKLSIYGDLTFMNEQKLNRYPASSLVVVR	300	
Qy	301	SKTEDHEEAGPLPTKVNLAHSEI	323	
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323	

RESULT 447

US-10-156-846-272

Sequence 272, Application US/10156846

Publication No. US20030199034A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C424

CURRENT APPLICATION NUMBER: US/10/156, 846

CURRENT FILING DATE: 2001-05-28

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-156-846-272

```

Db      61 YPKEELYACQGCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120
QY      121 LPFAHLRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADDGKIVIF 180
Db      121 LPFAHLRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADDGKIVIF 180
QY      181 QSKPEIQYAPHLEQEPHNRRESSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db      181 QSKPEIQYAPHLEQEPHNRRESSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY      241 ILTTLLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
Db      241 ILTTLLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
QY      301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db      301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 448
US-10-121-048-272
; Sequence 272, Application US/10121048
; Publication NO. US20030199051A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C7
; CURRENT APPLICATION NUMBER: US/10/121,048
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-048-272

```

	Query Match	100.0%;	Score 1694;	DB 14;	Length 323;																																																		
	Best Local Similarity	100.0%;	Pred. No. 1.4e-172;																																																				
	Matches 323;	Conservative	0;	Mismatches 0;	Indels 0;																																																		
				Gaps	0																																																		
QY	1	MAAPKGS	LWVRTQ	LG	PL	LL	LT	MA	AG	SG	GT	AS	AE	FD	SV	LG	DT	AS	CH	R	A	Q	L	T	P	L	H	T	60																										
Db	1	MAAPKGS	LWVRTQ	LG	PL	LL	LT	MA	AG	SG	GT	AS	AE	FD	SV	LG	DT	AS	CH	R	A	Q	L	T	P	L	H	T	60																										
QY	61	YKBEELY	ACQ	RG	CR	LF	SI	CO	FV	DD	GI	DL	NR	T	K	LE	CE	S	A	C	T	E	A	Y	S	Q	S	D	E	O	Y	A	C	H	L	G	C	O	N	Q	120														
Db	61	YKBEELY	ACQ	RG	CR	LF	SI	CO	FV	DD	GI	DL	NR	T	K	LE	CE	S	A	C	T	E	A	Y	S	Q	S	D	E	O	Y	A	C	H	L	G	C	O	N	Q	120														
QY	121	LPFAEL	RQ	E	Q	L	M	S	L	M	P	K	M	H	L	F	P	E	L	T	V	R	S	F	W	S	D	M	D	S	A	Q	S	F	I	T	S	S	W	T	F	Y	L	Q	A	D	D	G	K	I	V	I	F	180	
Db	121	LPFAEL	RQ	E	Q	L	M	S	L	M	P	K	M	H	L	F	P	E	L	T	V	R	S	F	W	S	D	M	D	S	A	Q	S	F	I	T	S	S	W	T	F	Y	L	Q	A	D	D	G	K	I	V	I	F	180	
QY	181	QSKPEI	Q	I	Y	A	P	H	L	E	Q	E	P	T	N	L	R	E	S	S	L	K	M	S	Y	L	Q	R	N	S	Q	A	H	R	N	F	L	E	D	G	E	S	D	G	F	L	R	C	L	S	N	S	G	W	240
Db	181	QSKPEI	Q	I	Y	A	P	H	L	E	Q	E	P	T	N	L	R	E	S	S	L	K	M	S	Y	L	Q	R	N	S	Q	A	H	R	N	F	L	E	D	G	E	S	D	G	F	L	R	C	L	S	N	S	G	W	240

b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 449

US-10-121-052-272
Sequence 272, Application US/10121052
Publication No. US20030199052A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C22
CURRENT APPLICATION NUMBER: US/10/121,052
CURRENT FILING DATE: 2002-04-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-052-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
y 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
y 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYQLQADDGKIVIF 180
b 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYQLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 450
US-10-121-053-272
Sequence 272, Application US/10121053
Publication No. US20030199053A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C23
CURRENT APPLICATION NUMBER: US/10/121,053
CURRENT FILING DATE: 2002-04-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-053-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCCNQ 120
QY 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYQLQADDGKIVIF 180
Db 121 LPPAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYQLQADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 451
US-10-121-054-272
Sequence 272, Application US/10121054
Publication No. US20030199054A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C14
CURRENT APPLICATION NUMBER: US/10/121,054
CURRENT FILING DATE: 2002-04-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-054-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 452
US-10-121-063-272
Sequence 272, Application US/10121063
Publication No. US20030199055A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C15

APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C19
CURRENT APPLICATION NUMBER: US/10/121,063
CURRENT FILING DATE: 2002-04-12
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-121-063-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 453
US-10-123-212-272
Sequence 272, Application US/10123212
Publication No. US20030199056A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C35

CURRENT APPLICATION NUMBER: US/10/123,212
CURRENT FILING DATE: 2002-04-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770

PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04

; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSUVRTOQLGLPPLLLLTALAGSGGTASAEATDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSUVRTOQLGLPPLLLLTALAGSGGTASAEATDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEBELVACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDEQVACHLGCONQ 120
Db 61 YPKEEBELVACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDEQVACHLGCONQ 120
QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 454
US-10-123-213-272
; Sequence 272, Application US/10123213
; Publication No. US20030199057A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC31
; CURRENT APPLICATION NUMBER: US/10/123,213
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
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PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
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PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
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PRIOR APPLICATION NUMBER: 60/089907
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PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090538
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGS	LWVRTQLGLPPLLLT	MALAGSGGTASAEAFDSVLGDTASCH	RACQLTYPLHT	60
DB	1	MAAPKGS	LWVRTQLGLPPLLLT	MALAGSGGTASAEAFDSVLGDTASCH	RACQLTYPLHT	60
QY	61	YPKEE	LYACQRCRLFSICQFVDDGID	LNRTKLECSACTEAYSQSDEQYACH	GCQNQ	120
DB	61	YPKEE	LYACQRCRLFSICQFVDDGID	LNRTKLECSACTEAYSQSDEQYACH	GCQNQ	120
QY	121	LPFAEL	ROQLMSLMPKMHLLPPLTLVRS	FWSDMDSAQSPITSSWTFYLOADDG	KIVIF	180
DB	121	LPFAEL	ROQLMSLMPKMHLLPPLTLVRS	FWSDMDSAQSPITSSWTFYLOADDG	KIVIF	180
QY	181	QSKPEI	QVAPHLEQEP	TNLRSSLSKMSYLOMRNSQAHNFLED	GESDGLRCLSLNSGW	240
DB	181	QSKPEI	QVAPHLEQEP	TNLRSSLSKMSYLOMRNSQAHNFLED	GESDGLRCLSLNSGW	240
QY	241	ILTTT	VLWSVMVLLWICCATVATAVEQYVP	SEKLSIYGDLEFPMNEQKLNRYPASS	LVVVR	300
DB	241	ILTTT	VLWSVMVLLWICCATVATAVEQYVP	SEKLSIYGDLEFPMNEQKLNRYPASS	LVVVR	300
QY	301	SKTED	HEBAGPLPTKVNLAHSEI			323
DB	301	SKTED	HEBAGPLPTKVNLAHSEI			323

RESULT 455

US-10-123-291-272

; Sequence 272, Application US/10123291

; Publication No. US20030199058A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C28

; CURRENT APPLICATION NUMBER: US/10/123,291

; CURRENT FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-291-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Mismatches 0; Indels 0; Gaps 0;

Matches 323; Conservative 0;

1 MAAPKGSWMVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSWMVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

121 LPFAELRQELSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180

121 LPFAELRQELSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLHSEI 323

301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 456

US-10-123-322-272

; Sequence 272, Application US/10123322

; Publication No. US20030199059A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C37

; CURRENT APPLICATION NUMBER: US/10/123,322

; CURRENT FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-322-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Mismatches 0; Indels 0; Gaps 0;

Matches 323; Conservative 0;

1 MAAPKGSWMVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSWMVRLTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120

121 LPFAELRQELSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180

121 LPFAELRQELSLMPKMHLLFPLTLVRSFWSMDMDSAQSFTTSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRESSLKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLHSEI 323

301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 457

US-10-123-771-272

; Sequence 272, Application US/10123771

; Publication No. US20030199060A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C26

CURRENT APPLICATION NUMBER: US/10/123,771

CURRENT FILING DATE: 2002-04-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059836

PRIOR FILING DATE: 1997-09-24

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062285

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062287

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/062816

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/063045

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/063082

PRIOR FILING DATE: 1997-10-31

PRIOR APPLICATION NUMBER: 60/063127

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/063327

PRIOR FILING DATE: 1997-10-27

PRIOR APPLICATION NUMBER: 60/063329

PRIOR FILING DATE: 1997-10-27

PRIOR APPLICATION NUMBER: 60/063550

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/063561

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/063704

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063733

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063735

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063738

PRIOR FILING DATE: 1997-10-29

PRIOR APPLICATION NUMBER: 60/063755

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064248

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/064809

PRIOR FILING DATE: 1997-11-07

PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-12

PRIOR APPLICATION NUMBER: 60/065846

PRIOR FILING DATE: 1997-11-12

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; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
;
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
;
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
;
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
;
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
;
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
;
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
;
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
;
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
;
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
;
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
;
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
;
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
;
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
;
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
;
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
;
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
;
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
;
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
;
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
;
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
;
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
;
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
;
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
;
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
;
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
;
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
;
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
;
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
;
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
;
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
;
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
;
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
;
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
;
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
;
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
;
; PRIOR FILING DATE: 1998-05-15
;


```

APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330RIC60
CURRENT APPLICATION NUMBER: US/10/124,823
CURRENT FILING DATE: 2002-04-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-124-823-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRTQLGLPPLLLLLTALAGSGTASAAFDVSLGDTASCHRACOLTYPLHT 60
b 1 MAAPKGSLSWVRTQLGLPPLLLLLTALAGSGTASAAFDVSLGDTASCHRACOLTYPLHT 60
Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Y 121 LPFAELRQELMSLPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQELMSLPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPTNLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 460
S-10-125-931-272
Sequence 272, Application US/10125931
Publication No. US20030199063A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

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;      TYPE: PRT
;      ORGANISM: Homo Sapien
US-10-125-932-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
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RESULT 462
US-10-017-084A-330
; Sequence 330, Application US/10017084A
; Publication No. US20030203402A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PLC66
; CURRENT APPLICATION NUMBER: US/10/017,084A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
```

```

;      LENGTH: 323
;      TYPE: PRT
;      ORGANISM: Homo sapiens
US-10-017-084A-330

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
```

```

RESULT 463
US-10-123-913-272
; Sequence 272, Application US/10123913
; Publication No. US20030203462A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C46
; CURRENT APPLICATION NUMBER: US/10/123,913
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-913-272
```

```

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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1 MAAPKGSLSWVRQTOLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
1 MAAPKGSLSWVRQTOLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
61 YPKEBELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNG 120
61 YPKEBELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNG 120
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCRLSLSNGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCRLSLSNGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 464
S-10-017-085A-330
Sequence 330, Application US/10017085A
Publication No. US20030204055A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C73
CURRENT APPLICATION NUMBER: US/10/017,085A
CURRENT FILING DATE: 2002-04-30
Prior Application removed - File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
S-10-017-085A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRQTOLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVRQTOLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEBELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKEBELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNG 120
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCRLSLSNGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCRLSLSNGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 465
US-10-013-916A-330
Sequence 330, Application US/10013916A
Publication No. US20030206915A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C79
CURRENT APPLICATION NUMBER: US/10/013,916A
CURRENT FILING DATE: 2002-04-30
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-013-916A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 466

US-10-140-473-272

Sequence 272, Application US/10140473

Publication No. US20030207351A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C156

CURRENT APPLICATION NUMBER: US/10/140,473

CURRENT FILING DATE: 2002-05-06

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-140-473-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 467

US-10-140-806-272

Sequence 272, Application US/10140806

Publication No. US20030207352A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C181

CURRENT APPLICATION NUMBER: US/10/140,806

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-140-806-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLMQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 468

3-10-140-810-272
Sequence 272, Application US/10140810
Publication No. US20030207353A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C185
CURRENT APPLICATION NUMBER: US/10/140,810
CURRENT FILING DATE: 2002-05-07
Prior Apploication removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
3-10-140-810-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDESDGFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDESDGFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 469
US-10-140-863-272
Sequence 272, Application US/10140863
Publication No. US20030207354A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C173
CURRENT APPLICATION NUMBER: US/10/140,863
CURRENT FILING DATE: 2002-05-07
Prior Apploication removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-863-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSPFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDESDGFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLOMRNSQAHNFLEDESDGFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 470

US-10-141-699-272
Sequence 272, Application US/10141699
Publication No. US20030207356A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C204
CURRENT APPLICATION NUMBER: US/10/141,699
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-141-699-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2y 1 MAAPKGSWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
2b 1 MAAPKGSWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCGLFESICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
61 YPKEEELYACQRCGLFESICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
2y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
2b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
2y 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMNSQAHRNFLEDGESDGLRCLSLNSGW 240
2b 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMNSQAHRNFLEDGESDGLRCLSLNSGW 240
2y 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
2b 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 471
US-10-141-703-272
; Sequence 272, Application US/10141703
; Publication No. US20030207357A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C210
CURRENT APPLICATION NUMBER: US/10/141,703
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-141-703-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVTRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELYACQRCGLFESICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEEELYACQRCGLFESICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQ 120
Qy 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNRESSLKMSYLOMNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 472
US-10-141-706-272
; Sequence 272, Application US/10141706
; Publication No. US20030207358A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C203
CURRENT APPLICATION NUMBER: US/10/141,706
; CURRENT FILING DATE: 2002-05-08

Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-141-706-272

Query Match	100.0%;	Score 1694;	DB 15;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;		
Matches 323; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

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1  MAAPKGSJWVRTQJLGPPLLLLTMALAGSGGTASAEAPDSVLGDTASCHRAQOLTYPLHT 60
  |||||
  |||||
  |||||
1  MAAPKGSJWVRTQJLGPPLLLLTMALAGSGGTASAEAPDSVLGDTASCHRAQOLTYPLHT 60
  |||||
  |||||
  |||||
61  YPKEBELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
  |||||
  |||||
  |||||
61  YPKEBELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
  |||||
  |||||
  |||||
121  LPFAELRQEQJLMSLMPKMHLLFPLTLVRSEFSDMWDMSAQSPITSSWTFYLOADDGKIVIF 180
  |||||
  |||||
  |||||
121  LPFAELRQEQJLMSLMPKMHLLFPLTLVRSEFSDMWDMSAQSPITSSWTFYLOADDGKIVIF 180
  |||||
  |||||
  |||||
181  QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMNNSQAHNRFLEDGESDGFRLCLSLNSGW 240
  |||||
  |||||
  |||||
181  QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMNNSQAHNRFLEDGESDGFRLCLSLNSGW 240
  |||||
  |||||
  |||||
241  ILTTTLVLSVMVLLWICCATTAVAEQYVPSEKLSIYGDLEFPMNEKLNRYPASSLWVVR 300
  |||||
  |||||
  |||||
241  ILTTTLVLSVMVLLWICCATTAVAEQYVPSEKLSIYGDLEFPMNEKLNRYPASSLWVVR 300
  |||||
  |||||
  |||||
301  SKTEDHEERAGELPTKVNLAHSEI 323
  |||||
  |||||
  |||||
301  SKTEDHEERAGELPTKVNLAHSEI 323
  |||||
  |||||
  |||||

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RESULT 473

9-10-141-757-272

Sequence 272. Application US/10141757

Publication No. US20030207360A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C195
CURRENT APPLICATION NUMBER: US/10/141.757

CURRENT FILING DATE: 2002-05-08
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550

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SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-141-757-272
Query Match
100.0%: Score 1694: DB 15: Length 323:

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Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

RESULT 474

US-10-141-762-272

US-10-111-02-212
: Sequence 272: Application US/10141762

Publication No. US20030207362A1

1. PUBLICATION NO.: USED

```

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C191
CURRENT APPLICATION NUMBER: US/10/141,762
CURRENT FILING DATE: 2002-05-08
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-141-762-272

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Query Match	100.0%	Score 1694	DB 15	Length 323
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Query Match      100.0%; Score. No. 1.4e-172; Length 323;
Key Match       100.0%; Score. No. 1.4e-172;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY	1	MAAPKGS	LWVR	TQ	GLP	PL	LL	LT	WAL	AG	SG	TAS	AA	FD	SV	LG	DT	AS	CH	RA	CQ	LT	PL	LHT	60																										
DB	1	MAAPKGS	LWVR	TQ	GLP	PL	LL	LT	WAL	AG	SG	TAS	AA	FD	SV	LG	DT	AS	CH	RA	CQ	LT	PL	LHT	60																										
QY	61	YPK	EE	LY	AC	Q	R	G	R	L	F	S	I	C	Q	F	V	D	G	I	N	R	T	K	L	E	C	E	S	A	C	T	E	A	Y	S	Q	S	D	E	Q	A	C	H	L	G	C	Q	N	Q	12

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRRTKLBCESEACTEAYSQSDEQYACHLGCQNQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSEFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSEFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 475

US-10-142-428-272
; Sequence 272, Application US/10142428
; Publication No. US20030207363A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C214
; CURRENT APPLICATION NUMBER: US/10/142,428
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-428-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAKPGSLWVRTQLGLPPLLLLTVALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAKPGSLWVRTQLGLPPLLLLTVALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRRTKLBCESEACTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRRTKLBCESEACTEAYSQSDEQYACHLGCQNQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSEFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSEFWSMDMDSAQSFTSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 476

US-10-142-429-272
; Sequence 272, Application US/10142429
; Publication No. US20030207364A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C238
; CURRENT APPLICATION NUMBER: US/10/142,429
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31

PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818

PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 19/98-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090538
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRTQLPLLLTALAGSGTASAEAPDSVLGDTASCHRAQUTYPLHT 60
|||||

1 MAAPKGSWVWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 477

US-10-142-884-272
; Sequence 272, Application US/10142884
; Publication No. US20030207365A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C240
; CURRENT APPLICATION NUMBER: US/10/142,884
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-884-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSWVWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSWVWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 478
US-10-143-027-272
; Sequence 272, Application US/10143027
; Publication No. US20030207366A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C225
; CURRENT APPLICATION NUMBER: US/10/143,027
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-027-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 MAAPKGSWVWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
1 MAAPKGSWVWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

ESULT 479

S-10-143-115-272

Sequence 272, Application US/10143115

Publication No. US20030207367A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C230

CURRENT APPLICATION NUMBER: US/10/143,115

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-143-115-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSWMVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
b 1 MAAPKGSWMVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120
b 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120
y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLVQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLVQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

ESULT 480

S-10-144-956-272

Sequence 272, Application US/10144956

Publication No. US20030207369A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C256

CURRENT APPLICATION NUMBER: US/10/144,956

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-144-956-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWMVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSWMVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120
Qy 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLVQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLVQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 481

US-10-144-958-272

Sequence 272, Application US/10144958

Publication No. US20030207369A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey

APPLICANT: Godowski,Paul J.
APPLICANT: Gurney,Austin L.
APPLICANT: Sherwood,Steven
APPLICANT: Smith,Victoria
APPLICANT: Stewart,Timothy A.
APPLICANT: Tumas,Daniel
APPLICANT: Watanabe,Colin K
APPLICANT: Wood,William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C254
CURRENT APPLICATION NUMBER: US/10/144,958
CURRENT FILING DATE: 2002-05-13
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-144-958-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 482
US-10-145-632-272
Sequence 272, Application US/10145632
Publication No. US20030207370A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C306
CURRENT APPLICATION NUMBER: US/10/145,749
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C279
CURRENT APPLICATION NUMBER: US/10/145,632
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-632-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVRLTGLPPLLLTLMALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 483
US-10-145-749-272
Sequence 272, Application US/10145749
Publication No. US20030207371A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C306
CURRENT APPLICATION NUMBER: US/10/145,749
CURRENT FILING DATE: 2002-05-14
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323

TYPE: PRT
ORGANISM: Homo Sapien
3-10-145-749-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Y 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECESSACTEAYSQSDEQYACHLGCQ 120
b 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECESSACTEAYSQSDEQYACHLGCQ 120

Y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCCLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCCLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEERAGPLPTKVNLAHSEI 323
b 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 484
3-10-145-753-272
Sequence 272, Application US/10145753
Publication No. US20030207372A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C299
CURRENT APPLICATION NUMBER: US/10/145,753
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-145-753-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECESSACTEAYSQSDEQYACHLGCQ 120

Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECESSACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCCLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCCLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 485
US-10-145-871-272
Sequence 272, Application US/10145871
Publication No. US20030207373A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C289
CURRENT APPLICATION NUMBER: US/10/145,871
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-871-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECESSACTEAYSQSDEQYACHLGCQ 120

Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECESSACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 486

US-10-145-878-272
; Sequence 272, Application US/10145878
; Publication No. US20030207374A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C263
; CURRENT APPLICATION NUMBER: US/10/145,878
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-878-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
RESULT 487
US-10-146-794-272
; Sequence 272, Application US/10146794
; Publication No. US20030207375A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C307
; CURRENT APPLICATION NUMBER: US/10/146,794
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-794-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLLWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 488

US-10-147-489-272
; Sequence 272, Application US/10147489

Publication No. US20030207376A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C376

CURRENT APPLICATION NUMBER: US/10/147,489

CURRENT FILING DATE: 2002-05-17

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-147-489-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSILWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

|||||

b 1 MAAPKGSILWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

|||||

Y 61 YPKEELYACQRCGLFSTICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

|||||

b 61 YPKEELYACQRCGLFSTICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

|||||

Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

|||||

b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

|||||

Y 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

|||||

b 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

|||||

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

|||||

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

|||||

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

|||||

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

|||||

RESULT 489

US-10-147-507-272

Sequence 272, Application US/10147507

Publication No. US20030207377A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C363

CURRENT APPLICATION NUMBER: US/10/147,507

CURRENT FILING DATE: 2002-05-17

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-147-507-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

|||||

Db 1 MAAPKGSILWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

|||||

QY 61 YPKEELYACQRCGLFSTICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

|||||

Db 61 YPKEELYACQRCGLFSTICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCNQ 120

|||||

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

|||||

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

|||||

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

|||||

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240

|||||

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

|||||

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

|||||

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

|||||

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

|||||

RESULT 490

US-10-147-535-272

Sequence 272, Application US/10147535

Publication No. US20030207378A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C352
CURRENT APPLICATION NUMBER: US/10/147,535
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-535-272
Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNPFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNPFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHHEAGPLPTKVNLAHSEI 323
RESULT 491
US-10-147-537-272
Sequence 272, Application US/10147537
Publication No. US20030207379A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C361
CURRENT APPLICATION NUMBER: US/10/147,537
CURRENT FILING DATE: 2002-05-17
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272

LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-537-272
Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNPFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNPFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHHEAGPLPTKVNLAHSEI 323
RESULT 492
US-10-152-376-272
Sequence 272, Application US/10152376
Publication No. US20030207381A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C401
CURRENT APPLICATION NUMBER: US/10/152,376
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-376-272
Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSILWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSILWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 493

S-10-152-381-272
Sequence 272, Application US/10152381
Publication No. US20030207382A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C409

CURRENT APPLICATION NUMBER: US/10/152,381

CURRENT FILING DATE: 2002-05-21

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-152-381-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSILWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSILWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Y 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
b 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
Y 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 494

US-10-152-400-272
Sequence 272, Application US/10152400
Publication No. US20030207383A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C384

CURRENT APPLICATION NUMBER: US/10/152,400

CURRENT FILING DATE: 2002-05-20

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-152-400-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSILWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLWVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300

2Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 495

US-10-153-585-272

; Sequence 272, Application US/10153585

; Publication No. US20030207384A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C416

; CURRENT APPLICATION NUMBER: US/10/153,585

; CURRENT FILING DATE: 2002-05-22

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-153-585-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEELVACQRCGLFESICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKEEELVACQRCGLFESICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 496

US-10-157-780-272

; Sequence 272, Application US/10157780

; Publication No. US20030207385A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C432

; CURRENT APPLICATION NUMBER: US/10/157,780

; CURRENT FILING DATE: 2002-05-29

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-157-780-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEELVACQRCGLFESICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKEEELVACQRCGLFESICQFVDDGIDLNRITKLECSACTEAYSQSDEQYACHLGCONQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLQMRNSQAHNRNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 497

US-10-157-800-272

; Sequence 272, Application US/10157800

; Publication No. US20030207386A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C429
CURRENT APPLICATION NUMBER: US/10/157,800
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-157-800-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120
b 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120
Y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Y 181 OSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
b 181 OSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 498
S-10-157-801-272
Sequence 272, Application US/10157801
Publication No. US20030207387A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C427
CURRENT APPLICATION NUMBER: US/10/157,801
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-157-801-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120
Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 OSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
Db 181 OSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 499
US-10-157-802-272
Sequence 272, Application US/10157802
Publication No. US20030207388A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C440
CURRENT APPLICATION NUMBER: US/10/157,802
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272

```

; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-157-802-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323
```

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RESULT 500
US-10-158-784-272
; Sequence 272, Application US/10158784
; Publication No. US20030207389A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C452
; CURRENT APPLICATION NUMBER: US/10/158,784
; CURRENT FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-784-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 501
US-10-158-789-272
; Sequence 272, Application US/10158789
; Publication No. US20030207390A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMERANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C456
; CURRENT APPLICATION NUMBER: US/10/158,789
; CURRENT FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-789-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECECTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180
```

121 LPPAELRQEQSLMPLKMLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 502

S-10-192-011-272
Sequence 272, Application US/10192011
Publication No. US20030207395A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C282
CURRENT APPLICATION NUMBER: US/10/192,011
CURRENT FILING DATE: 2002-07-09
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien

S-10-192-011-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Qy 121 LPPAELRQEQSLMPLKMLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPPAELRQEQSLMPLKMLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHRNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 503

US-10-139-963-272
Sequence 272, Application US/10139963
Publication No. US20030207414A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C165
CURRENT APPLICATION NUMBER: US/10/139,963
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-139-963-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Qy 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCQNO 120

Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 504

US-10-140-020-272
; Sequence 272, Application US/10140020
; Publication No. US20030207415A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C157
; CURRENT APPLICATION NUMBER: US/10/140,020
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-020-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEEELIYACQRCGLFSLICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCGLFSLICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 505

US-10-140-023-272
; Sequence 272, Application US/10140023
; Publication No. US20030207416A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C164
; CURRENT APPLICATION NUMBER: US/10/140,023
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-023-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Qy 61 YPKEEELIYACQRCGLFSLICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKEEELIYACQRCGLFSLICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

35ULT 506
3-10-140-809-272
Sequence 272, Application US/10140809
Publication No. US20030207418A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C172

CURRENT APPLICATION NUMBER: US/10/140,809

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

3-10-140-809-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||
61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

301 SKTEDEEAGPLPTKVNLAHSEI 323

301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 507

3-10-140-865-272

Sequence 272, Application US/10140865

Publication No. US20030207420A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C190

CURRENT APPLICATION NUMBER: US/10/140,865

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-140-865-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
1 MAAPKGSLSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120
|||||
61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCQNO 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
|||||
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
|||||
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

301 SKTEDEEAGPLPTKVNLAHSEI 323

301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 508

US-10-141-701-272

Sequence 272, Application US/10141701

Publication No. US20030207421A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C207
; CURRENT APPLICATION NUMBER: US/10/141,701
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-701-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 509
US-10-141-754-272
; Sequence 272, Application US/10141754
; Publication No. US20030207422A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C196
; CURRENT APPLICATION NUMBER: US/10/141,754
; CURRENT FILING DATE: 2002-05-08

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-754-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWVLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 510
US-10-141-760-272
; Sequence 272, Application US/10141760
; Publication No. US20030207423A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C199
; CURRENT APPLICATION NUMBER: US/10/141,760
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - see file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-760-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||||
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||||

y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||
b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||

y 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||
b 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||

y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
|||||

y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
|||||
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
|||||

y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
|||||

RESULT 511
S-10-142-425-272
Sequence 272, Application US/10142425
Publication No. US20030207424A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C229
CURRENT APPLICATION NUMBER: US/10/142,425
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-142-425-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||||
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
|||||

y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
|||||

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 512
US-10-142-430-272
; Sequence 272, Application US/10142430
; Publication No. US20030207425A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C222
; CURRENT APPLICATION NUMBER: US/10/142,430
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - see file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-430-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120

Qy 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C311

CURRENT APPLICATION NUMBER: US/10/146,792

CURRENT FILING DATE: 2002-05-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-146-792-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

|||||

D 1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Y 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCNQ 120

|||||

D 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCNQ 120

Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180

|||||

D 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180

Y 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

|||||

D 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

|||||

D 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

|||||

D 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 516

S-10-158-791-272

Sequence 272, Application US/10158791

Publication No. US20030207429A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C450

CURRENT APPLICATION NUMBER: US/10/158,791

CURRENT FILING DATE: 2002-05-30

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-158-791-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

|||||

Db 1 MAAPKGSWVRQTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCNQ 120

|||||

Db 61 YPKHEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180

|||||

Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

|||||

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

|||||

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

|||||

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 517

US-10-143-026B-330

Sequence 330, Application US/10143026B

Publication No. US20030207803A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2630PIC58

CURRENT APPLICATION NUMBER: US/10/143,026B

PRIOR FILING DATE: 2003-05-09

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 330

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

JS-10-143-026B-330

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 518

US-10-156-843-272

Sequence 272, Application US/10156843

Publication No. US20030207805A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C425

CURRENT APPLICATION NUMBER: US/10/156,843

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-156-843-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCONQ 120

Qy 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 519

US-10-157-786-272

Sequence 272, Application US/10157786

Publication No. US20030208055A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C445
CURRENT APPLICATION NUMBER: US/10/157,786
CURRENT FILING DATE: 2002-05-29
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-157-786-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKSLWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
|||||
b 1 MAAPKSLWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
y 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNG 120
|||||
b 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECESEACTEAYSQSDEQYACHLGCQNG 120
y 121 LPPAELRQEQSLMPLPKMHLPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
|||||
b 121 LPPAELRQEQSLMPLPKMHLPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
|||||
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240
y 241 ILTTVLVSVMLLWICCATVATAVEQYVPSEKLSYGDLEFNEQKLNRYPASSLVVVR 300
|||||
b 241 ILTTVLVSVMLLWICCATVATAVEQYVPSEKLSYGDLEFNEQKLNRYPASSLVVVR 300
y 301 SKTEDEHEAGPLPTKVNLAHSEI 323
|||||
b 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 520
S-10-013-918A-330
Sequence 330, Application US/10013918A
Publication No. US20030211091A1
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C77
CURRENT APPLICATION NUMBER: US/10/013,918A
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333

; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07

; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGS LWRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGS LWRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKHEELYACORGCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKHEELYACORGCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPFLTIVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKMHLLPFLTIVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLQWNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLQWNSQAHRNFLEDGESDGFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYVPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYVPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 521
US-10-013-928A-330
; Sequence 330, Application US/10013928A
; Publication No. US20030215905A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C86
CURRENT APPLICATION NUMBER: US/10/013,928A
CURRENT FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
S-10-013-928A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 1 MAAPKSLWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKSLWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQACHLGCQNQ 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQACHLGCQNQ 120
Y 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIP 180
b 121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIP 180
Y 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLFRLCLSLNSGW 240
b 181 QSKPEIQYAPHLEQEPNTNRESSLSKMSYLQMRNSQAHNPFLEDGESDGLFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 522
US-10-162-522A-330
; Sequence 330, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-162-522A-330

Query Match	100.0%;	Score 1694;	DB 15;	Length 323;	
Best Local Similarity	100.0%;	Pred. No. 1.4e-172;			
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0	
QY	1	MAAPKGLWVR	TOLGLPPLLL	TMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60	
Db	1	MAAPKGLWVR	TOLGLPPLLL	TMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60	
QY	61	YPKEELYACQ	RGCRLF	SICQFVDDGIDLNR	TKLECSACTEAYSQSDEQACHLGCNQ 120
Db	61	YPKEELYACQ	RGCRLF	SICQFVDDGIDLNR	TKLECSACTEAYSQSDEQACHLGCNQ 120
QY	121	LPFAELRQEQ	QLMSLMPK	MHLLPFLTLVRSF	WSDMMDSAQSFITSSWTFYQLADDGKIVIF 180
Db	121	LPFAELRQEQ	QLMSLMPK	MHLLPFLTLVRSF	WSDMMDSAQSFITSSWTFYQLADDGKIVIF 180
QY	181	QSKPEIQYAP	HLQEPTN	RESSLSKMSYLO	MNRNSQAHNRFLEDGESDGLRCLSLNSGW 240
Db	181	QSKPEIQYAP	HLQEPTN	RESSLSKMSYLO	MNRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY	241	ILTTTLVLS	VMVLLW	ICCATVATAVEQYVP	SEKLSIYGDLEFMNEQKLNRYPASSLLVVR 300
Db	241	ILTTTLVLS	VMVLLW	ICCATVATAVEQYVP	SEKLSIYGDLEFMNEQKLNRYPASSLLVVR 300
QY	301	SKTEDEEAG	PLPTKVN	LAHSEI 323	
Db	301	SKTEDEEAG	PLPTKVN	LAHSEI 323	

RESULT 523

US-10-013-923A-330

Sequence 330, Application US/10013923A

Publication No. US20030216305A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C87

CURRENT APPLICATION NUMBER: US/10/013,923A

CURRENT FILING DATE: 2001-10-25

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 330

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

```

US-10-013-923A-330
Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAAPKGS LWRTQIGLPP LLLLT MALAGSGTASAAFD SVLGD TASCHRA COLTYPLHT 60
      |||||||
Db      1  MAAPKGS LWRTQIGLPP LLLLT MALAGSGTASAAFD SVLGD TASCHRA COLTYPLHT 60

Qy     61  YPKKEELYACQRGCR LFSICQFVDDGIDLNR TKLECSACTEAYSQSDEQYACHLG CQNQ 120
      |||||||
Db     61  YPKKEELYACQRGCR LFSICQFVDDGIDLNR TKLECSACTEAYSQSDEQYACHLG CQNQ 120

Qy    121  LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWS DMDSAQSFITTSWTFYLOADD GKIVIF 180
      |||||||
Db    121  LPFAELRQEQLMSLMPKMHLLFPLTLVRSFWS DMDSAQSFITTSWTFYLOADD GKIVIF 180

Qy    181  QSKPEIQYAPHLEQBP TNLRSSLSKMSYLQMRNSQAHRN FLEDGESDGFRLC LSLNSGW 240
      |||||||
Db    181  QSKPEIQYAPHLEQBP TNLRSSLSKMSYLQMRNSQAHRN FLEDGESDGFRLC LSLNSGW 240

Qy    241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDL EFMNEQKLNRYPASS LVVVR 300
      |||||||
Db    241  ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDL EFMNEQKLNRYPASS LVVVR 300

Qy    301  SKTEDHEEAGPLPTKVNLAHSEI 323
      |||||||
Db    301  SKTEDHEEAGPLPTKVNLAHSEI 323

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RESULT 524
US-10-013-925A-330
; Sequence 330, Application US/10013925A
; Publication No. US20030216550A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C83
; CURRENT APPLICATION NUMBER: US/10/013,925A
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT

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ORGANISM: Homo sapiens
JS-10-013-925A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIOYAPHLEQPTNLRSSLSKMSVLOMNSQAHRNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIOYAPHLEQPTNLRSSLSKMSVLOMNSQAHRNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 525

US-10-013-927A-330
Sequence 330, Application US/10013927A
Publication No. US20030216561A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLES OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C88

CURRENT APPLICATION NUMBER: US/10/013,927A

CURRENT FILING DATE: 2001-10-25

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 330

LENGTH: 323

TYPE: PRT
ORGANISM: Homo sapiens
US-10-013-927A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 QSKPEIOYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIOYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
301 SKTEDHEERAGPLPTKVNLAHSEI 323
301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 526

US-10-147-528-272
Sequence 272, Application US/10147528
Publication No. US20030219885A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLES OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C334

CURRENT APPLICATION NUMBER: US/10/147,528

CURRENT FILING DATE: 2002-05-16

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-147-528-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 527

US-10-145-093A-330
; Sequence 330, Application US/10145093A
; Publication No. US20040005312A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-093A-330
Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSLSWVTRTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKTKLECSACTEAYSQSDEQYACHLGCONQ 120
Qy 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 528

US-10-013-919A-330
; Sequence 330, Application US/10013919A
; Publication No. US20040005657A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C85
CURRENT APPLICATION NUMBER: US/10/013,919A
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
S-10-013-919A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y	1	MAAPKGSINVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
b	1	MAAPKGSINVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Y	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ	120
b	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ	120
Y	121	LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF	180
b	121	LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF	180
Y	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW	240
b	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW	240
Y	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
b	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
Y	301	SKTEDHEEAGPLPTKVNLAHSEI	323
b	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 529
S-10-013-920A-330
Sequence 330, Application US/10013920A
Publication No. US20040006219A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas P.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C78
CURRENT APPLICATION NUMBER: US/10/013,920A
CURRENT FILING DATE: 2001-10-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-013-920A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSINVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Db	1	MAAPKGSINVRTQLGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
QY	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ	120
Db	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ	120
QY	121	LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF	180
Db	121	LPFAELRQEQMLSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF	180
QY	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDGESDGFRLCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 530
US-10-128-692A-272
Sequence 272, Application US/10128692A
Publication No. US20040009547A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C124

CURRENT APPLICATION NUMBER: US/10/128,692A

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-128-692A-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGIKIVIF 180

121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGIKIVIF 180

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 531

US-10-140-927-272

Sequence 272, Application US/10140927

Publication No. US20040009548A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C180

CURRENT APPLICATION NUMBER: US/10/140,927

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-140-927-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

61 YPKEELYACQRCGLFSICQFVDDGIDLNRTKLECESACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGIKIVIF 180

121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGIKIVIF 180

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 532

US-10-147-536-272

Sequence 272, Application US/10147536

Publication No. US20040077064A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C349

CURRENT APPLICATION NUMBER: US/10/147,536

CURRENT FILING DATE: 2002-05-17

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

-10-147-536-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 16; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSG 240
181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGFRLCLSLNSG 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

SULT 533

-09-746-783-186

Sequence 186, Application US/09746783

Publication No. US20030044935A1

GENERAL INFORMATION:

APPLICANT: Jacobs, Kenneth
McCoy, John M.
LaValle, Edward R.
Racie, Lisa A.
Treacy, Maurice
Spaulding, Vikki
Agostino, Michael J.
Howes, Steven H.

Fechtel, Kim
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES

ENCODING THEM

NUMBER OF SEQUENCES: 231

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genetics Institute, Inc.

STREET: 87 CambridgePark Drive

CITY: Cambridge

STATE: MA

COUNTRY: U.S.A.

ZIP: 02140

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/746,783

FILING DATE: 21-Dec-2000

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

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REGISTRATION NUMBER: 46,931

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INFORMATION FOR SEQ ID NO: 186:

SEQUENCE CHARACTERISTICS:

LENGTH: 324 amino acids

TYPE: amino acid

STRANDEDNESS: <Unknown>

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 186:

US-09-746-783-186

Query Match 98.8%; Score 1674.5; DB 10; Length 324;

Best Local Similarity 99.4%; Pred. No. 1.8e-170;

Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

QY 1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
Db 1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
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Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSY-LQMRNSQAHNRFLEDGESDGFRLCLSLNSG 240
QY 240 WILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVV 299
Db 241 WILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVV 300
QY 300 RSKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 RSKTEDHEEAGPLPTKVNLAHSEI 324

Search completed: June 15, 2004, 08:22:34

Job time : 427 secs